



OBLON, SPIVAK, et al
Docket No: 242299US2
Inventor: Masahiko SHAKUTO, et al.
Serial No: 10/659,468
Reply to NTFMP dated December 3, 2003
Replacement Sheet

FIG. 1

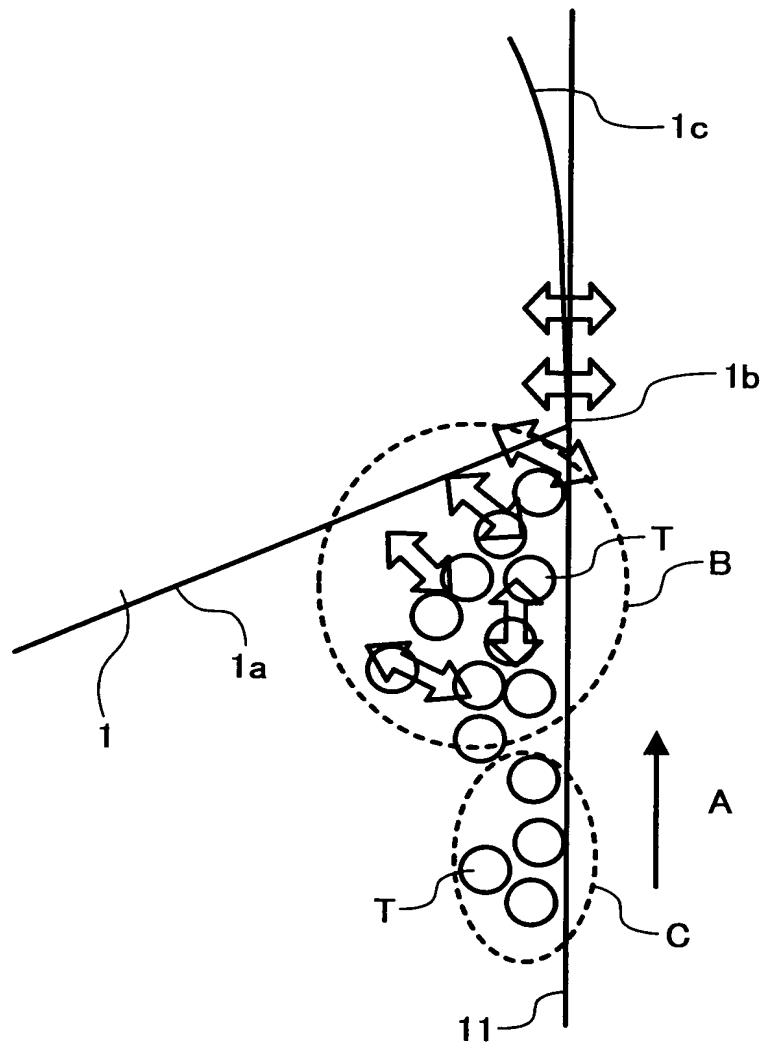


FIG. 2

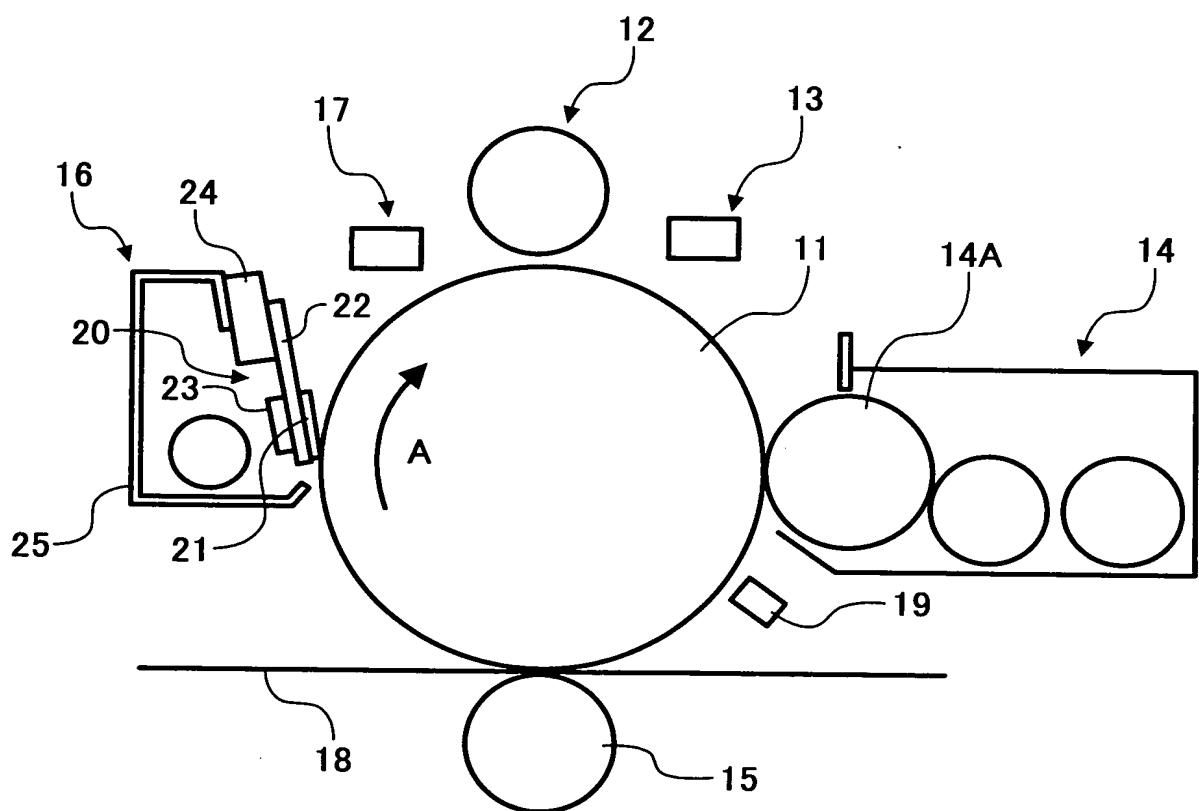


FIG. 3

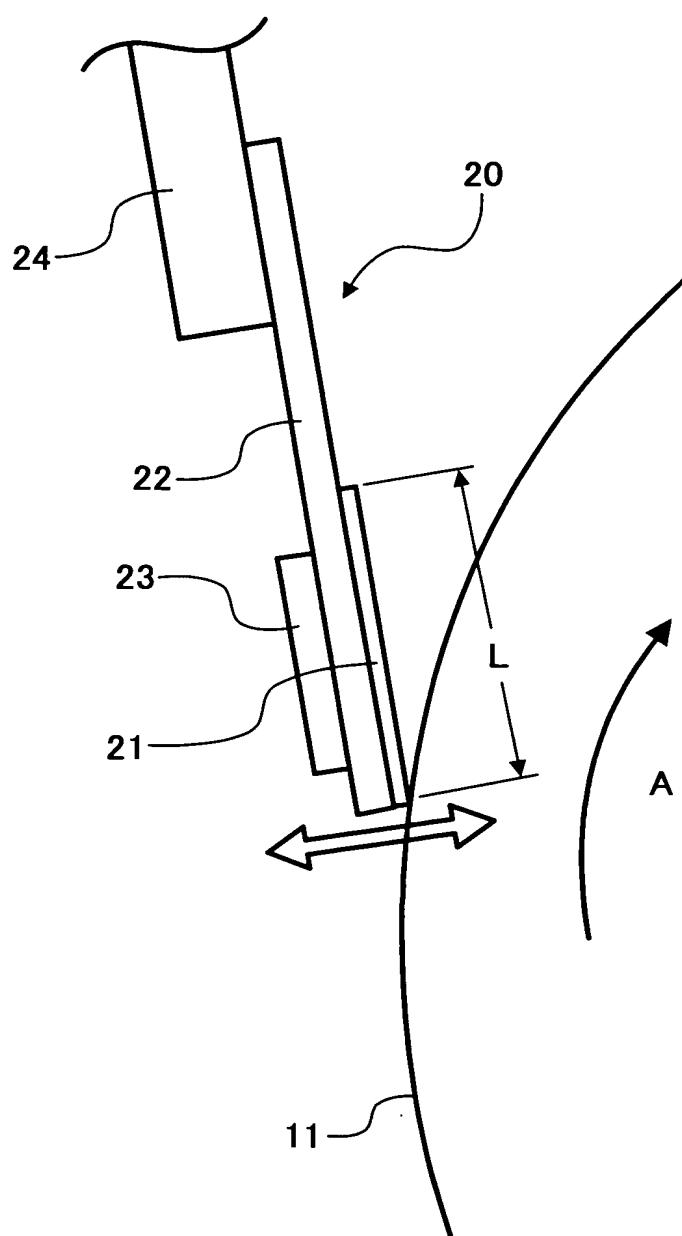


FIG. 4

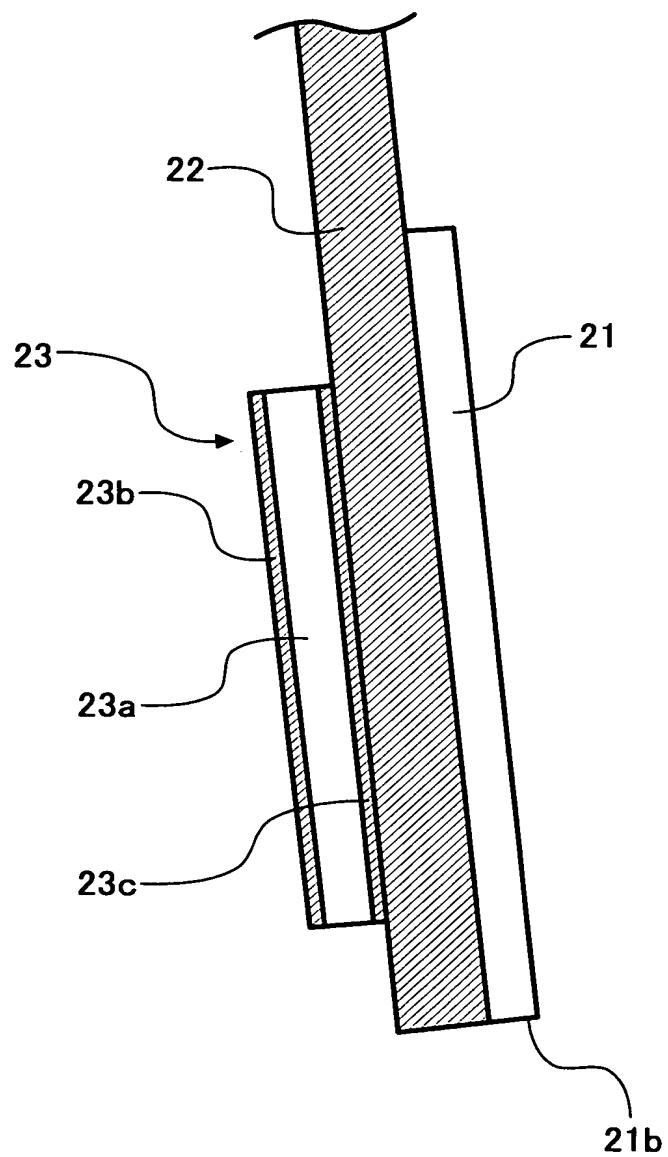


FIG. 5

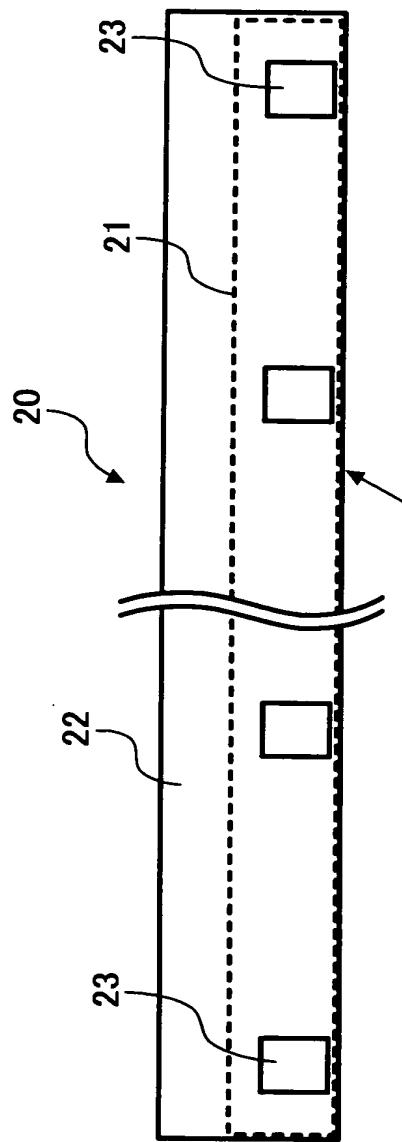


FIG. 6

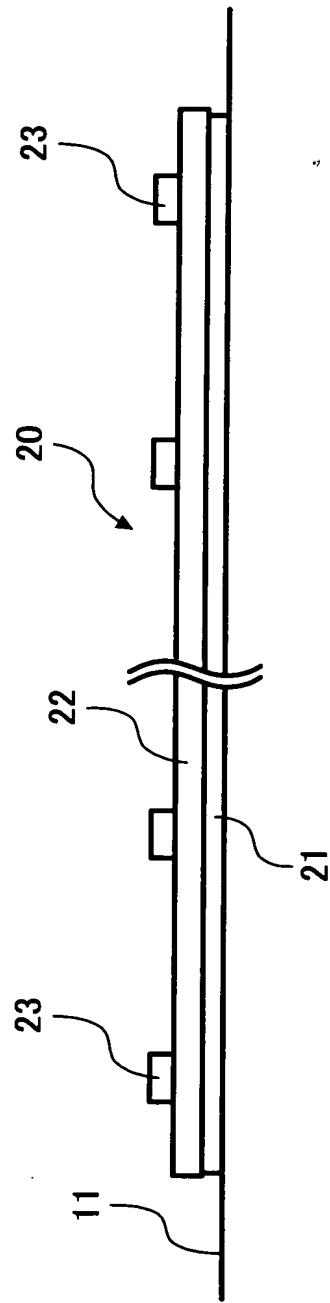


FIG. 7

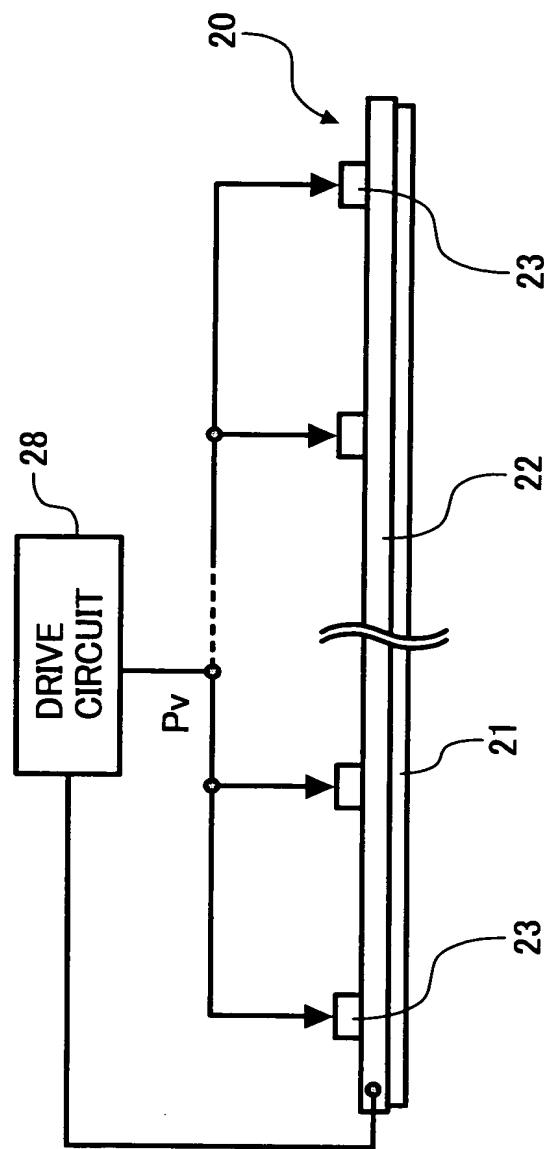


FIG. 8

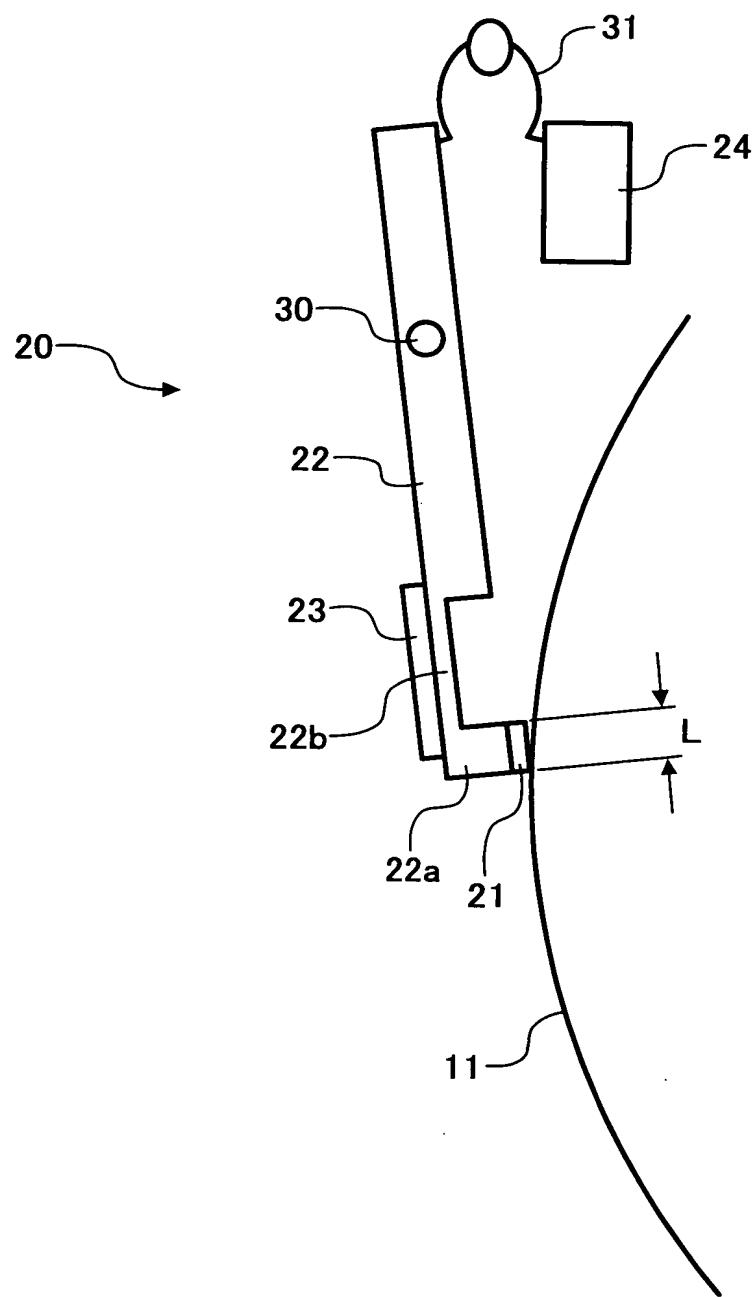
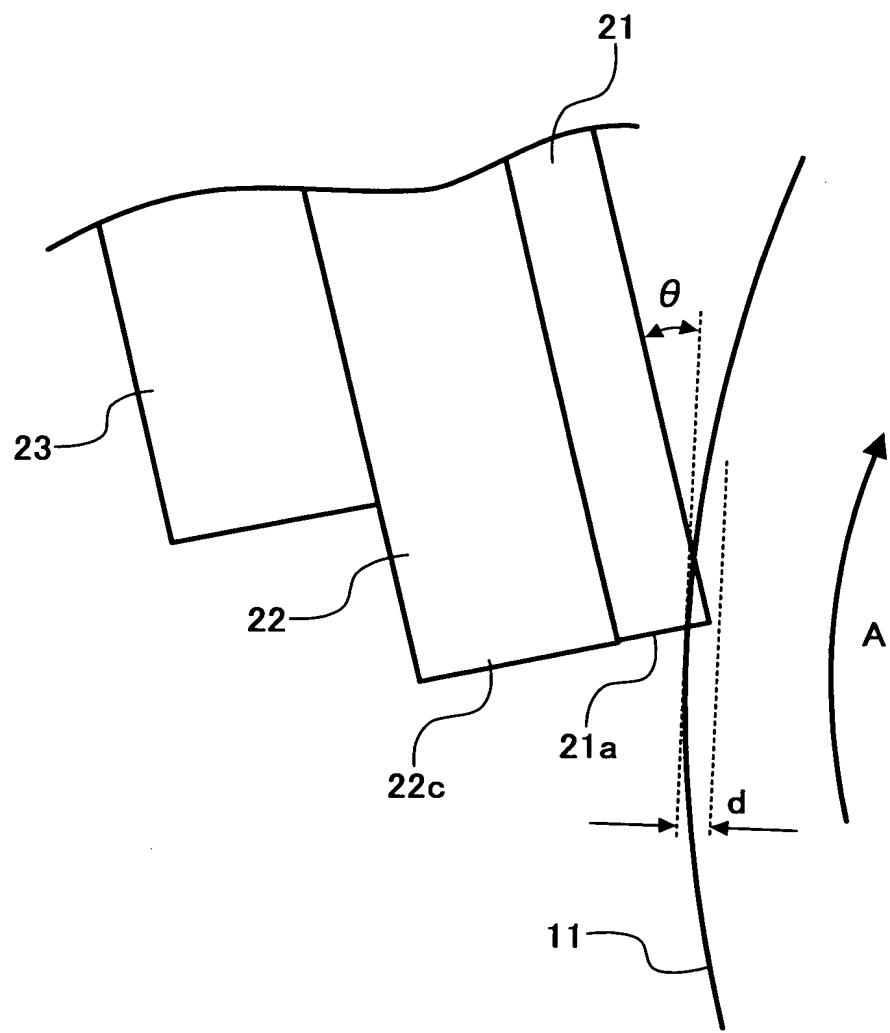


FIG. 9



OBLON, SPIVAK, et al
Docket No: 242299US2
Inventor: Masahiko SHAKUTO, et al.
Serial No: 10/659,468
Reply to NTFMP dated December 3, 2003
Replacement Sheet

FIG. 10

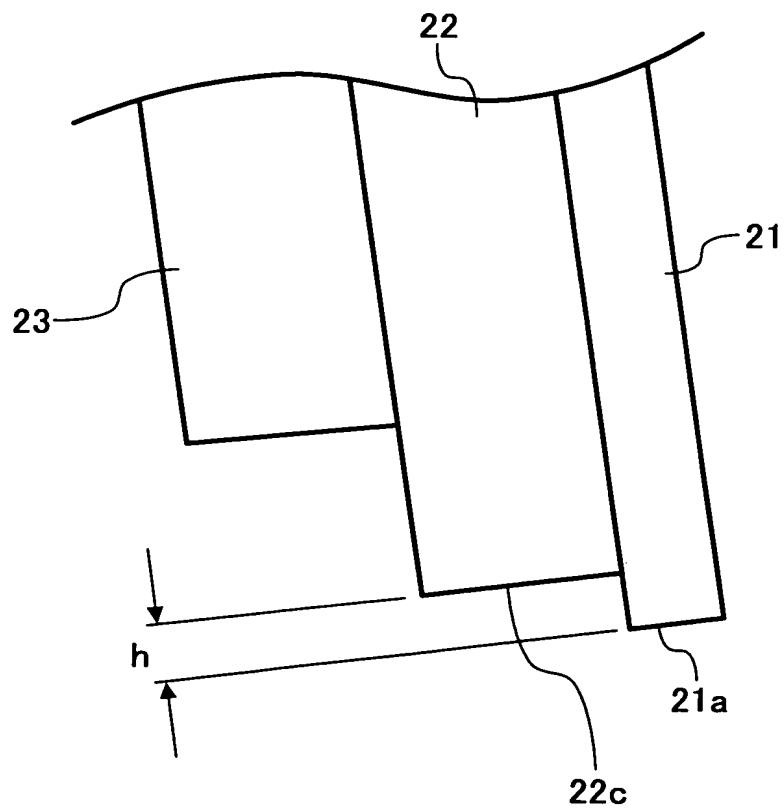


FIG. 11

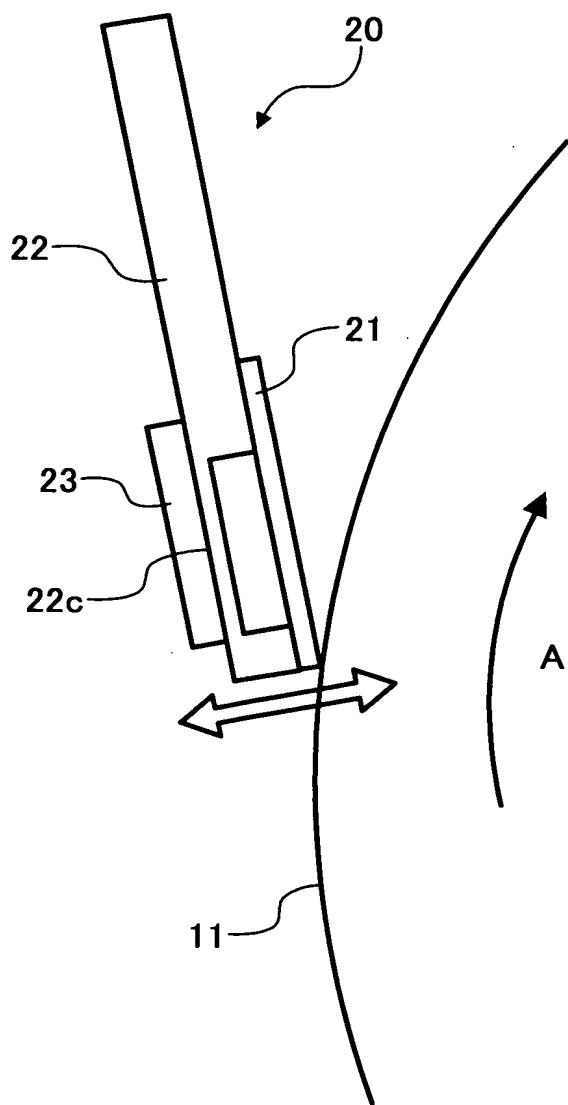


FIG. 12

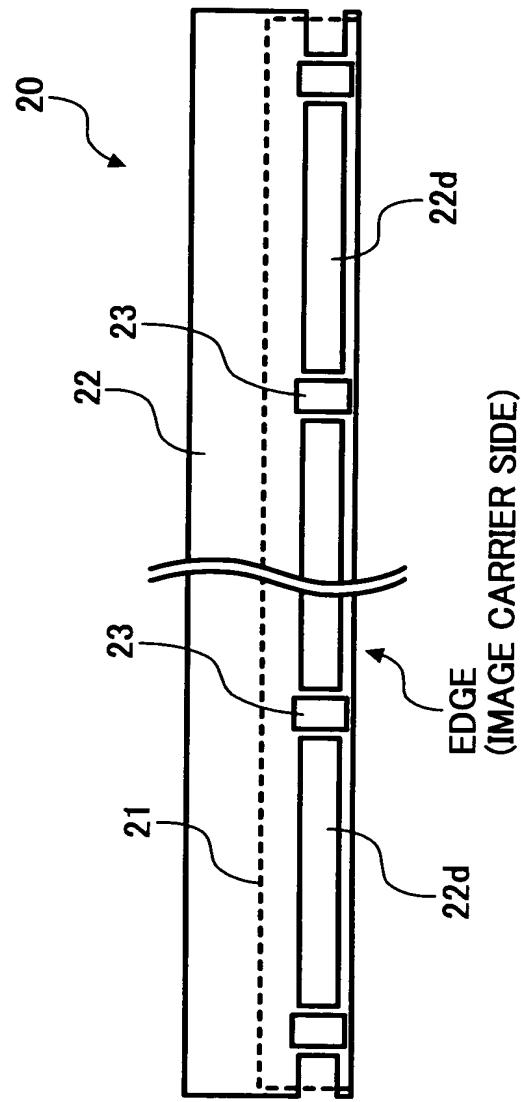


FIG. 13

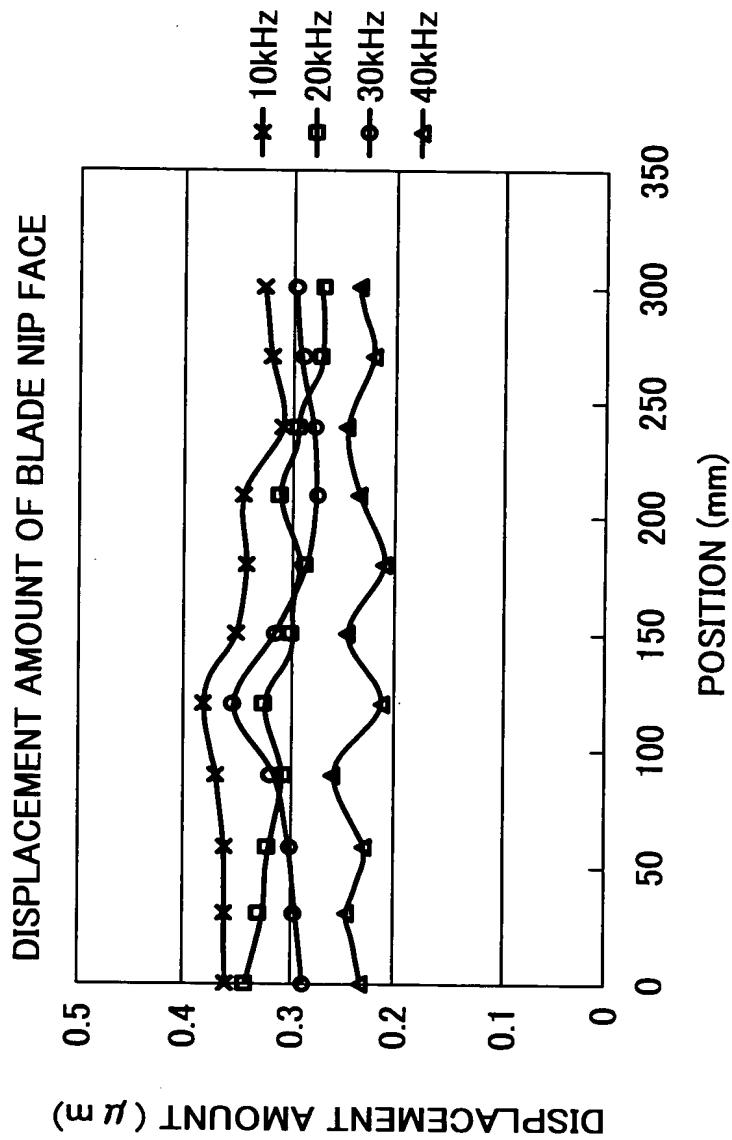


FIG. 14

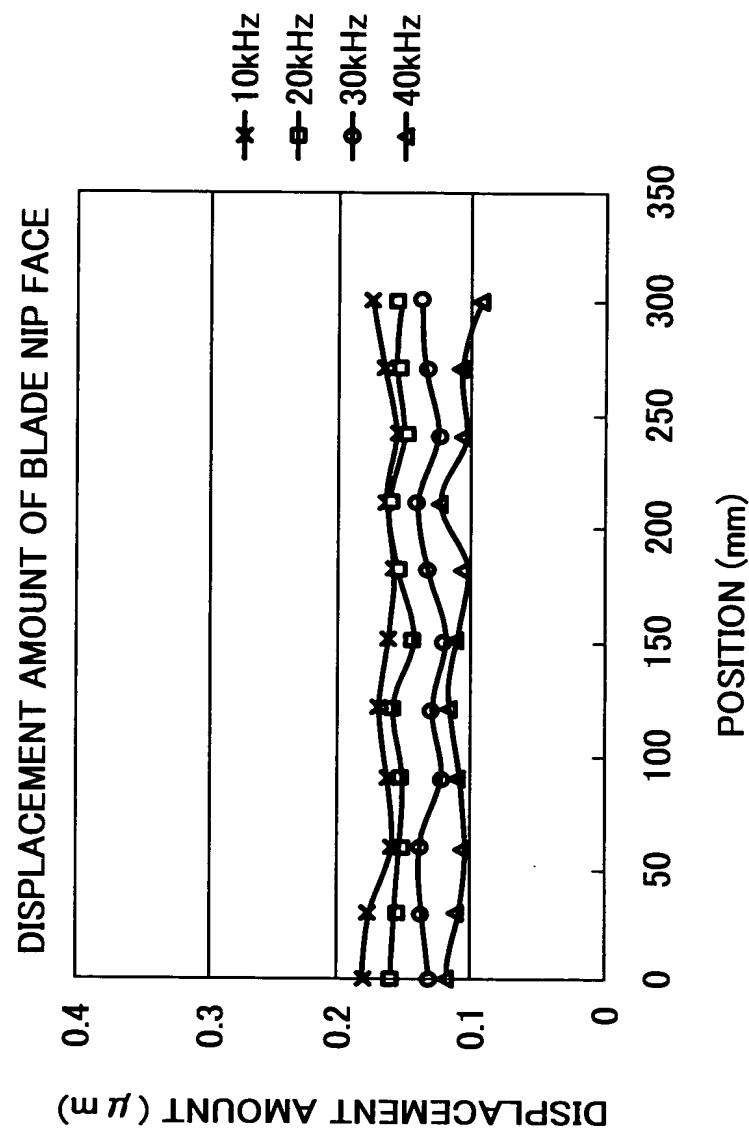


FIG. 15

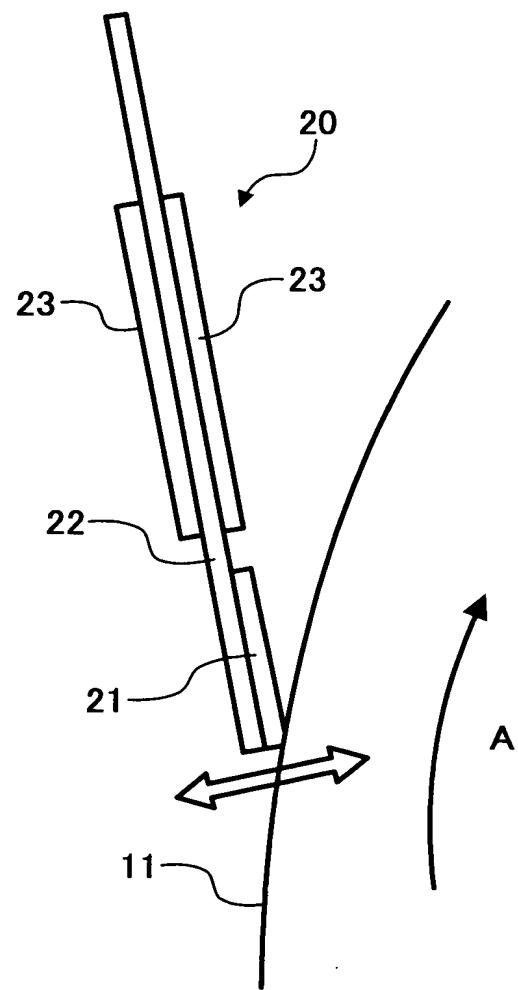


FIG. 16

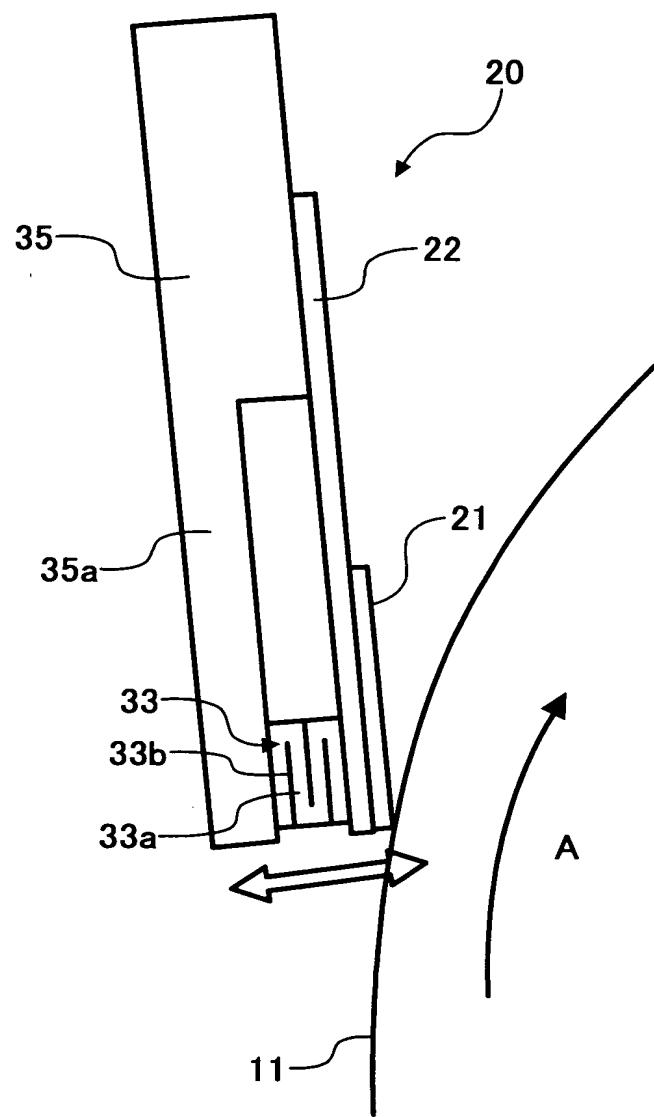


FIG. 17

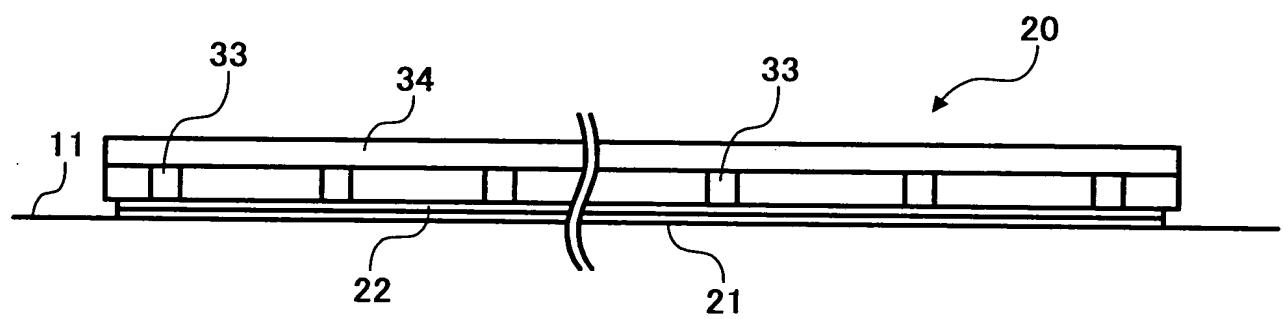


FIG. 18

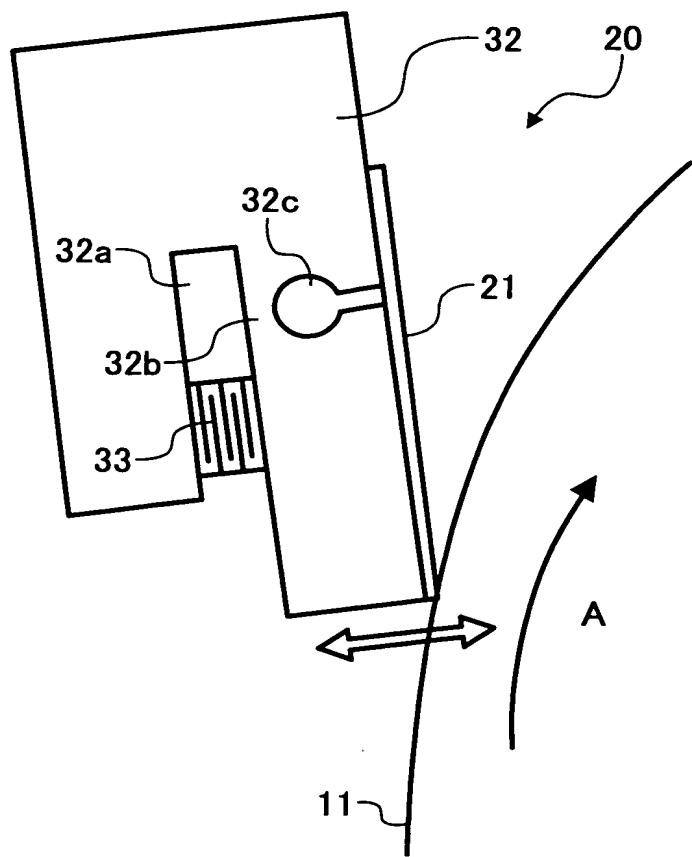
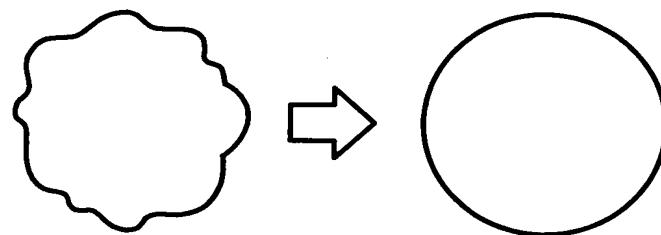


FIG. 19



CIRCUMFERENTIAL LENGTH : L₁

PARTICLE PROJECTED IMAGE AREA : S

CIRCLE OF AREA : S

CIRCUMFERENTIAL LENGTH : L₂

$$\text{SPHERICITY} = \frac{L_2}{L_1}$$

FIG. 20

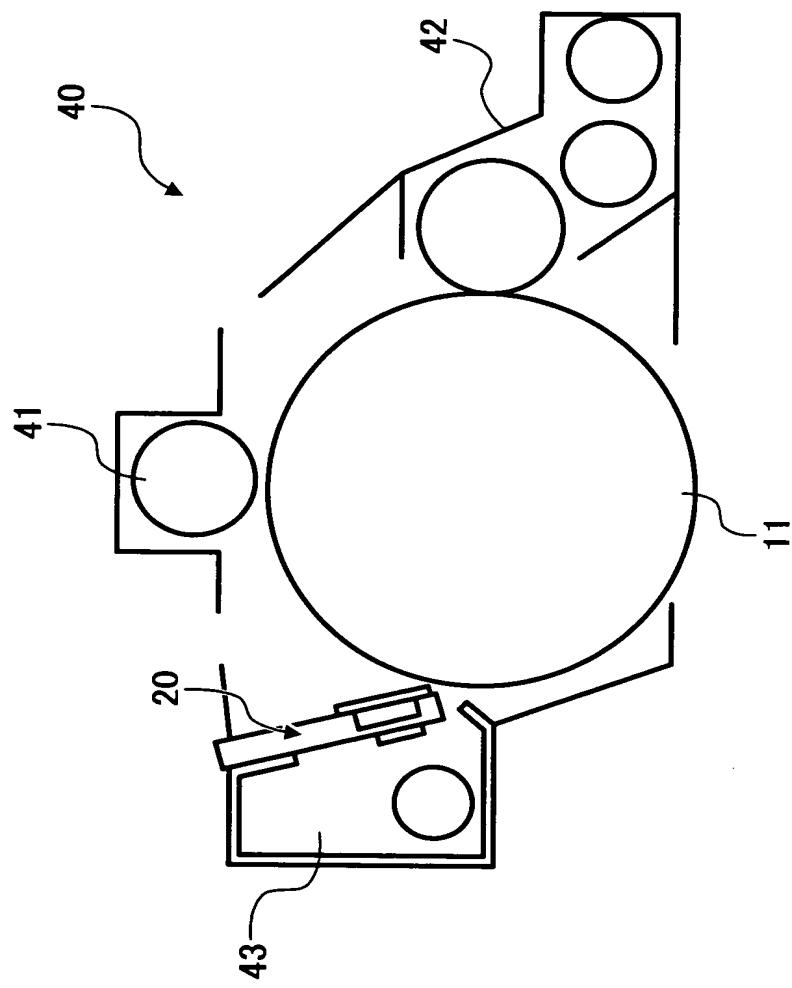


FIG. 21

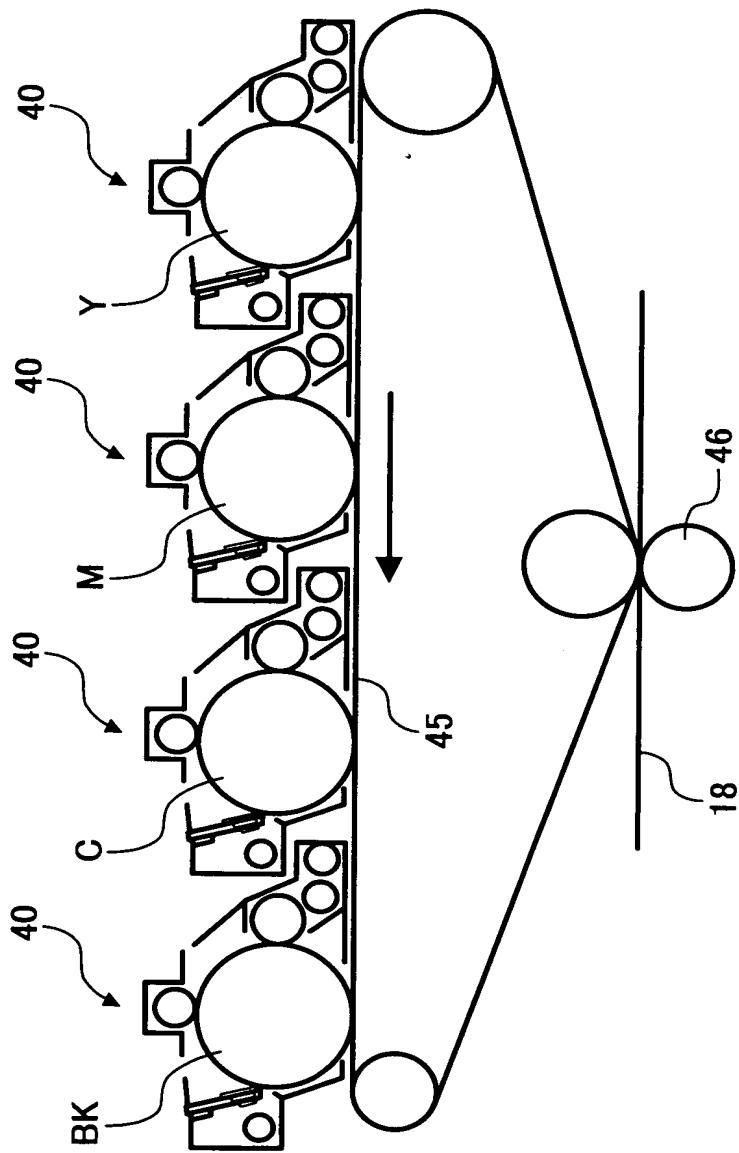


FIG. 22

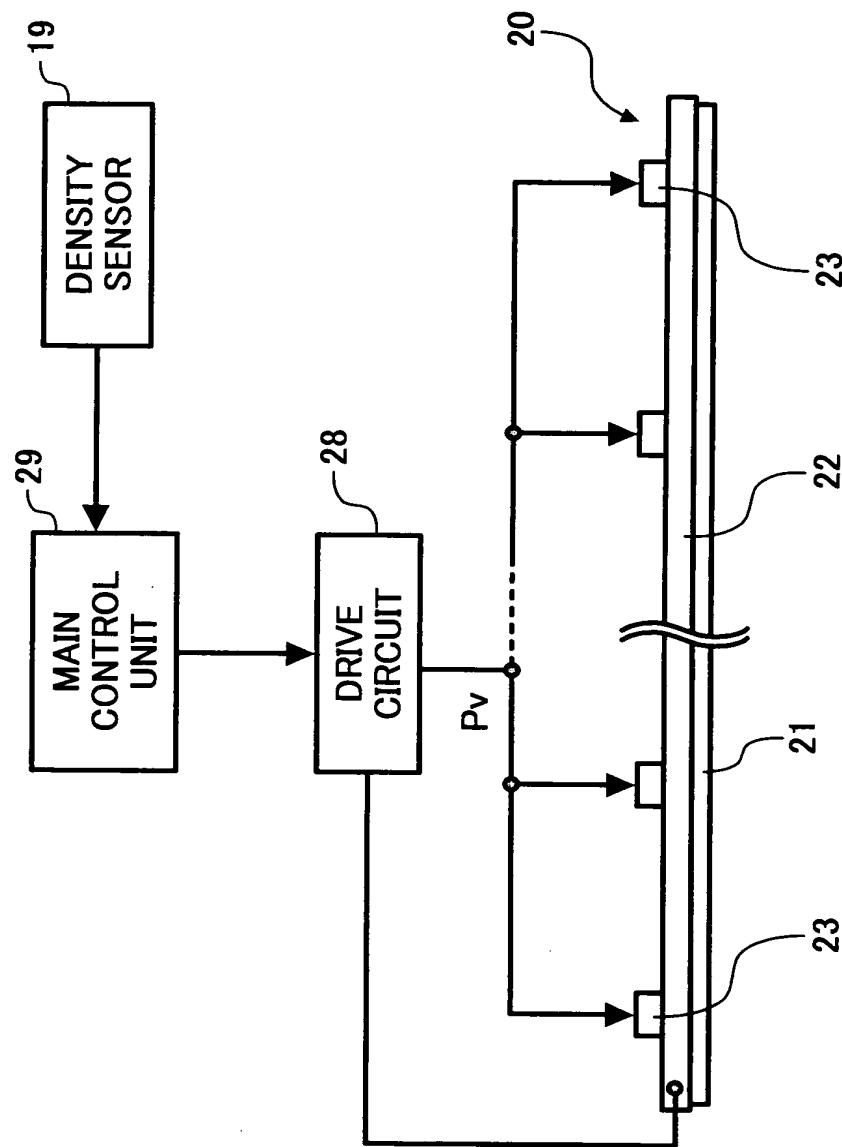


FIG. 23

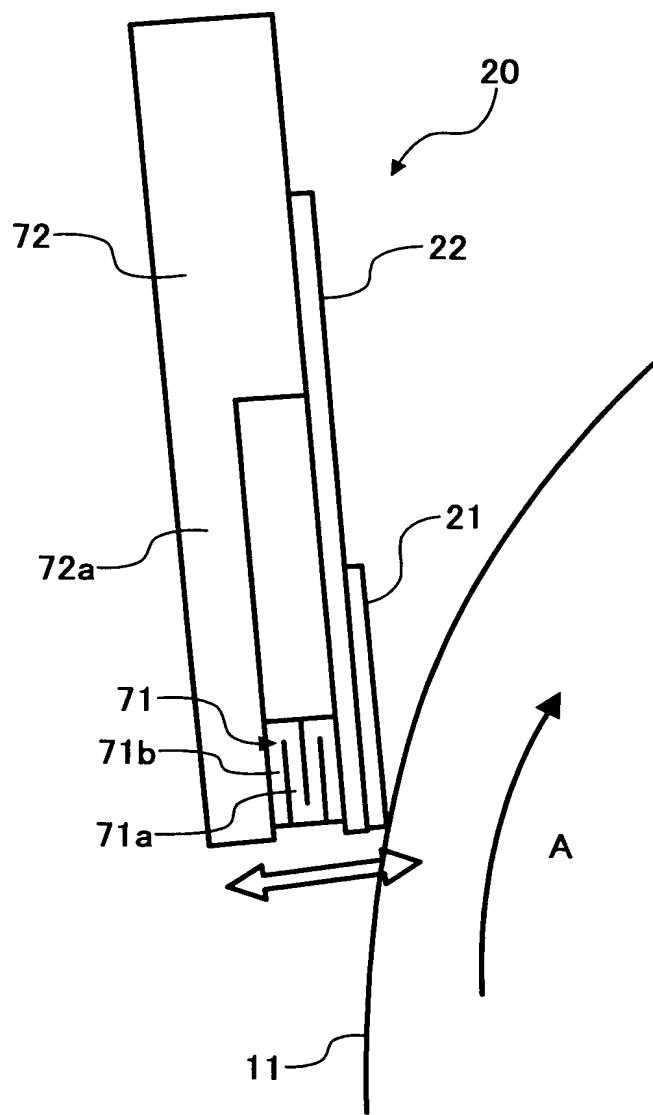


FIG. 24

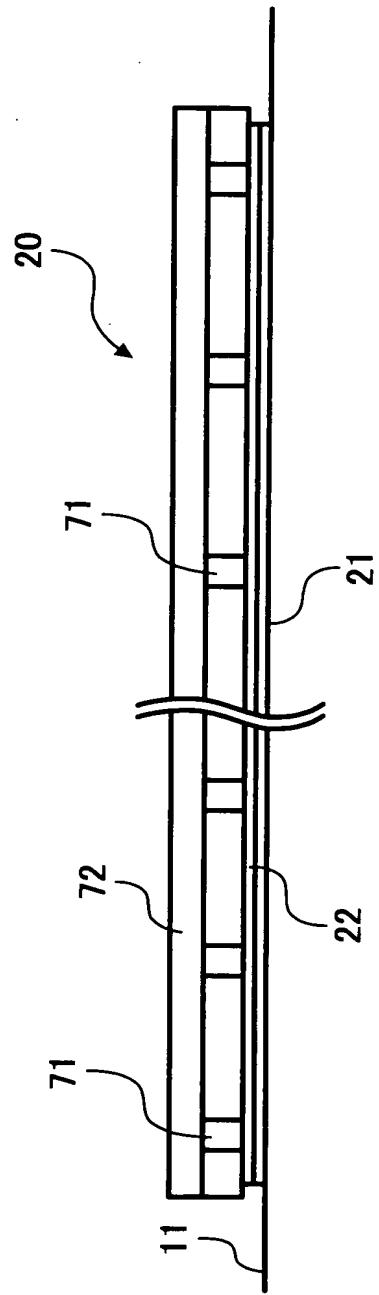


FIG. 25

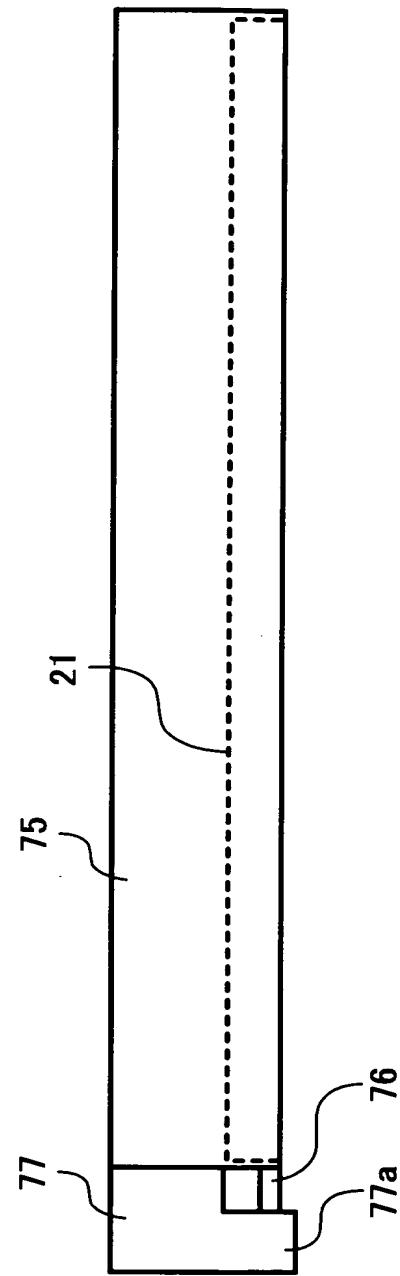


FIG. 26

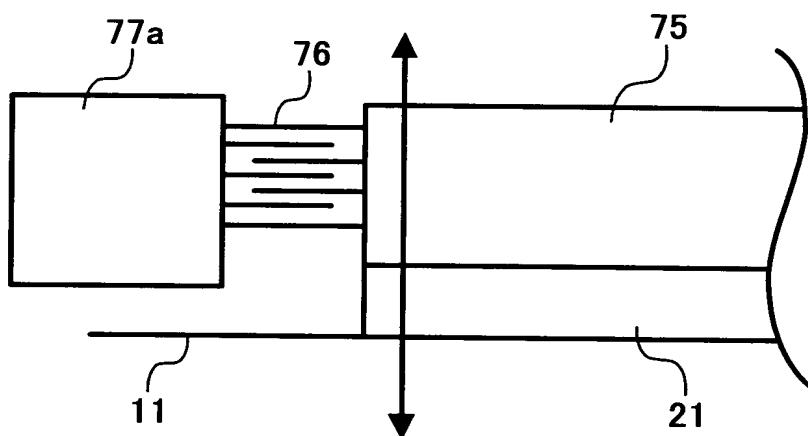


FIG. 27

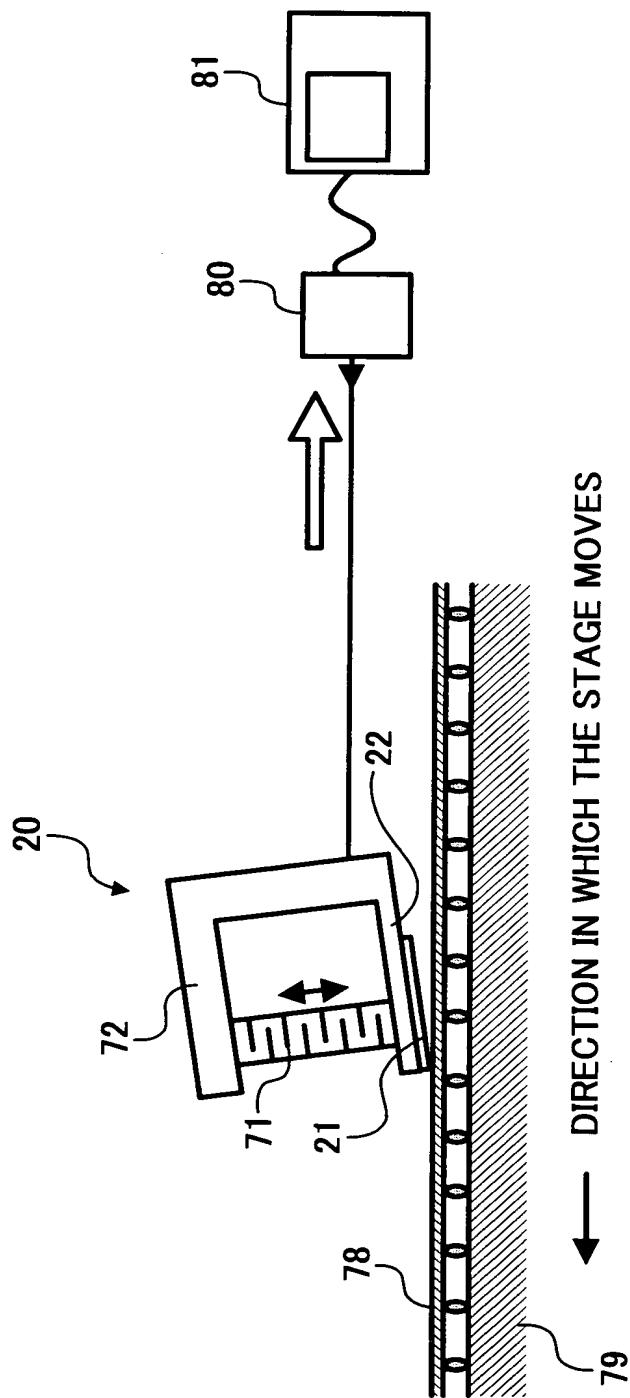


FIG. 28

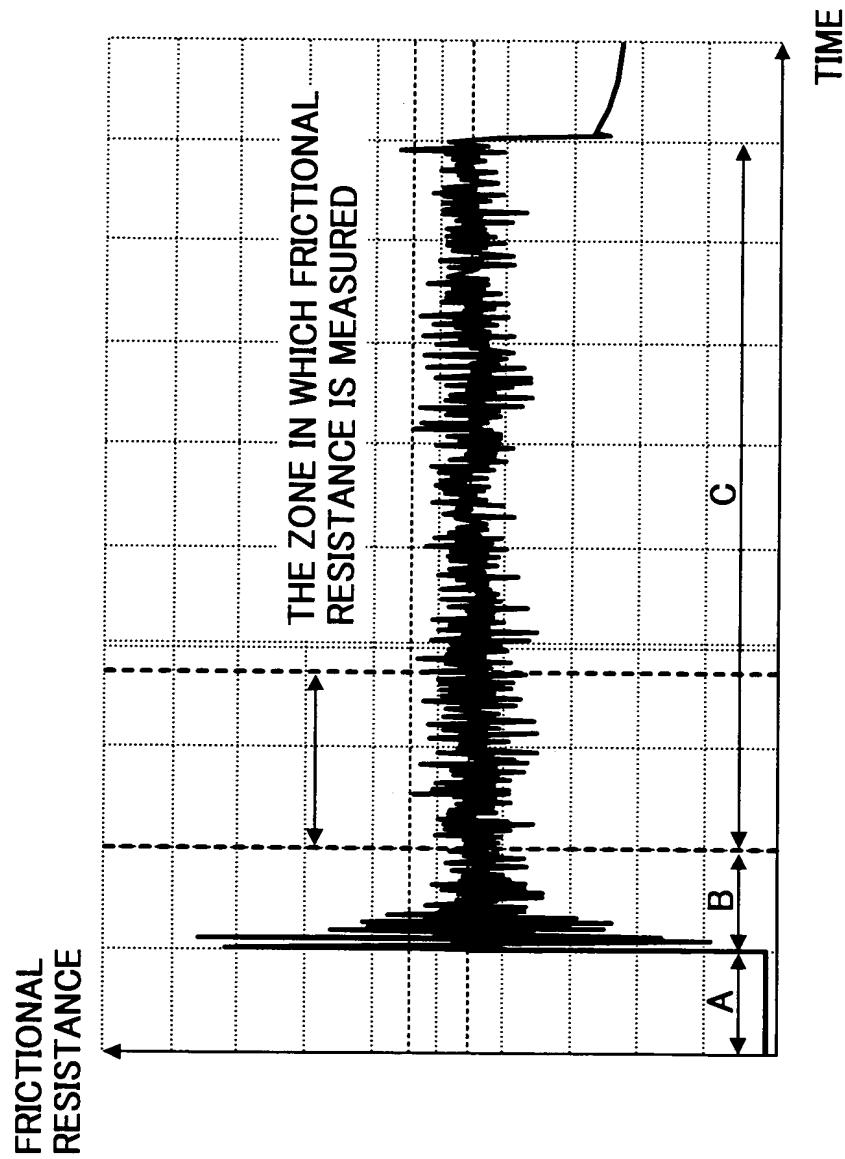


FIG. 29

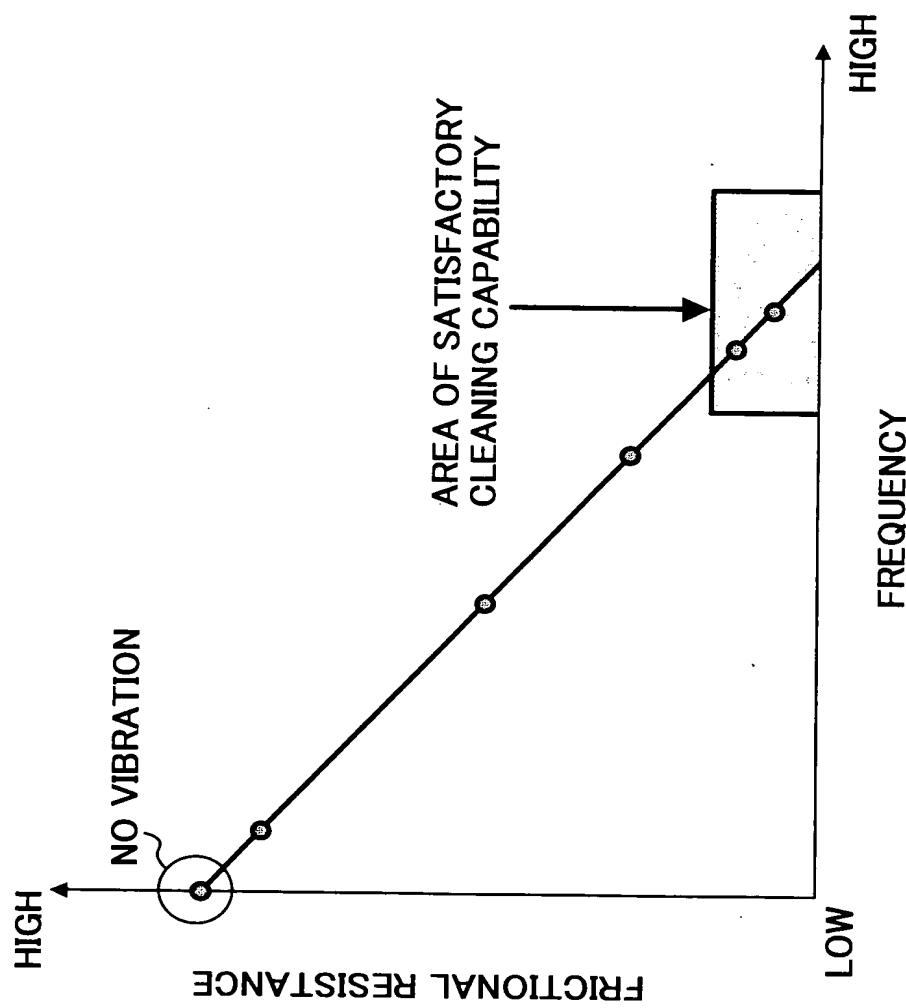


FIG. 30

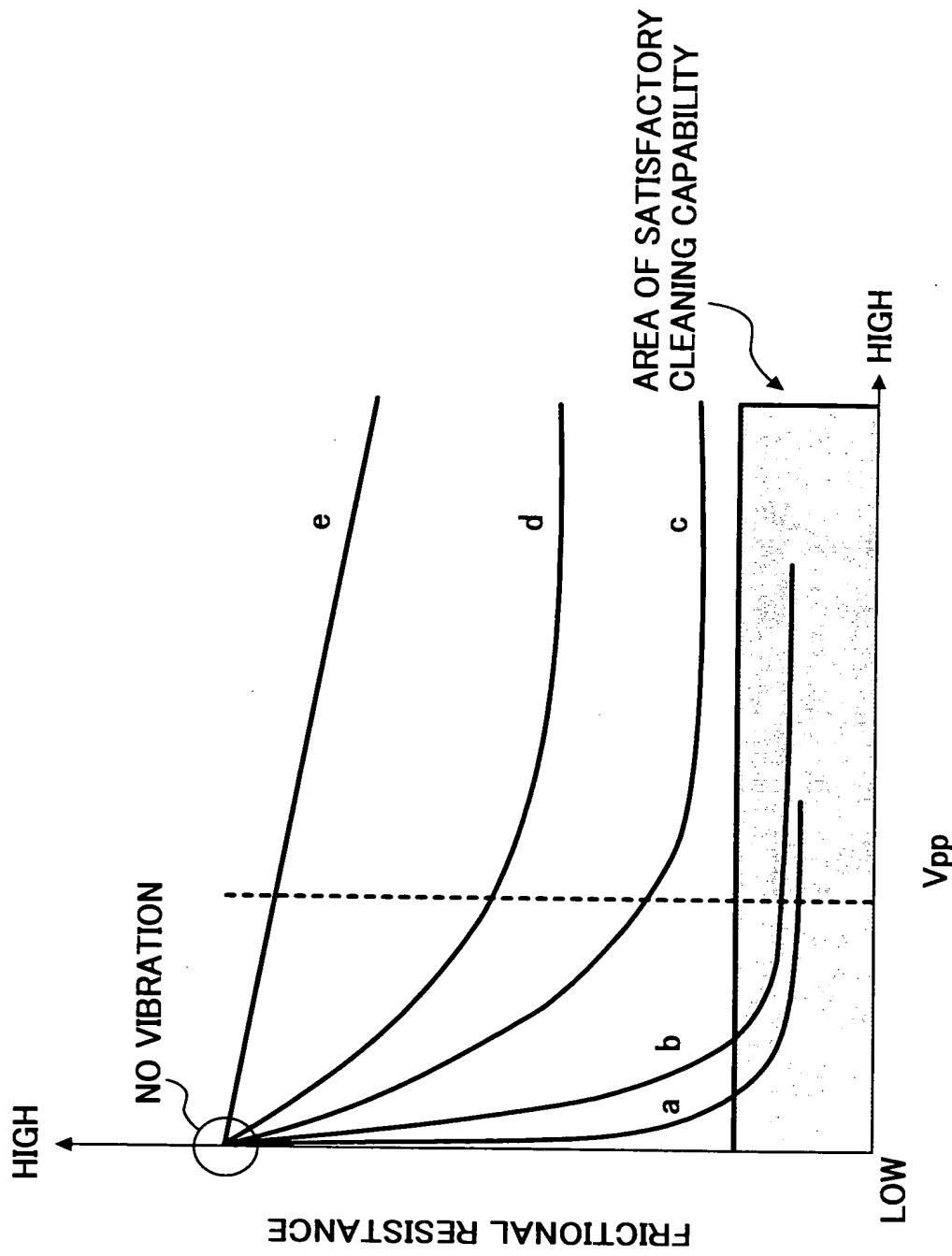


FIG. 31

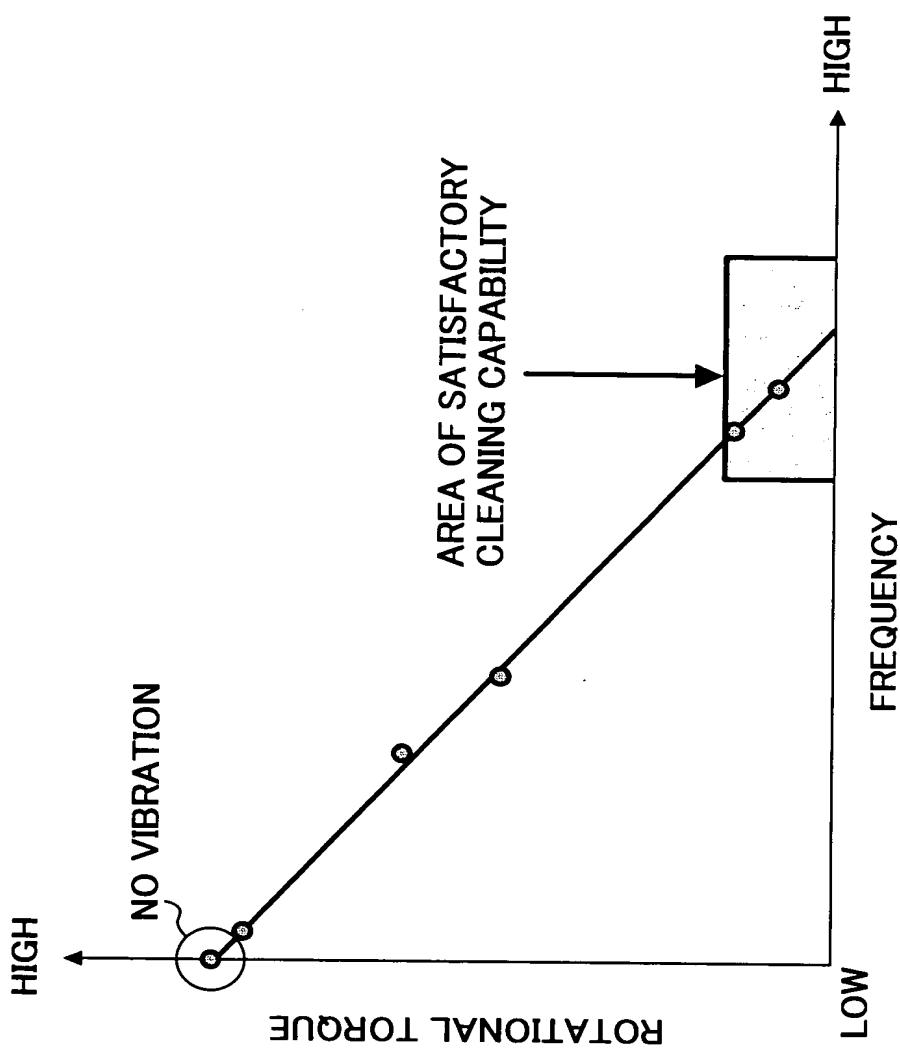


FIG. 32

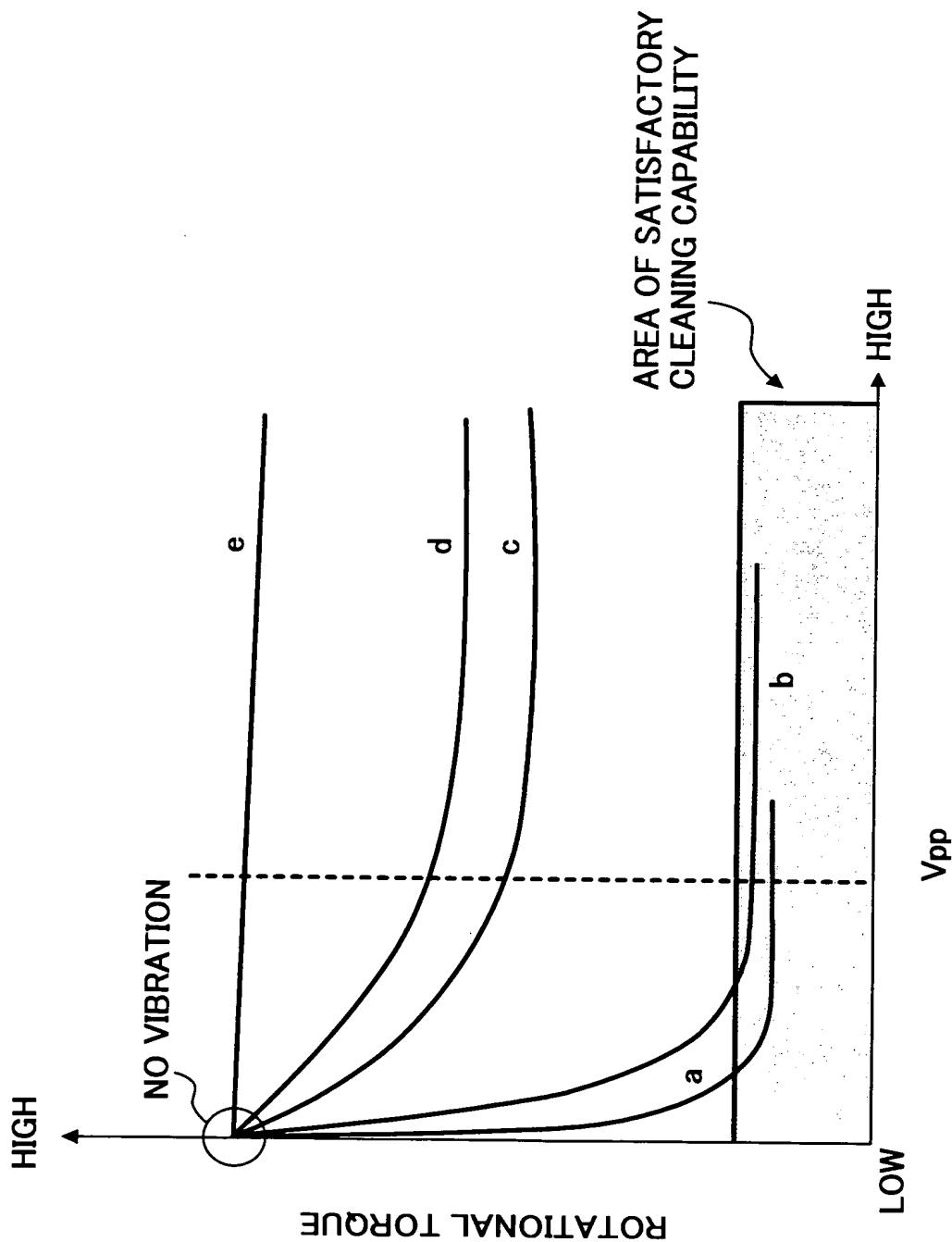


FIG. 33

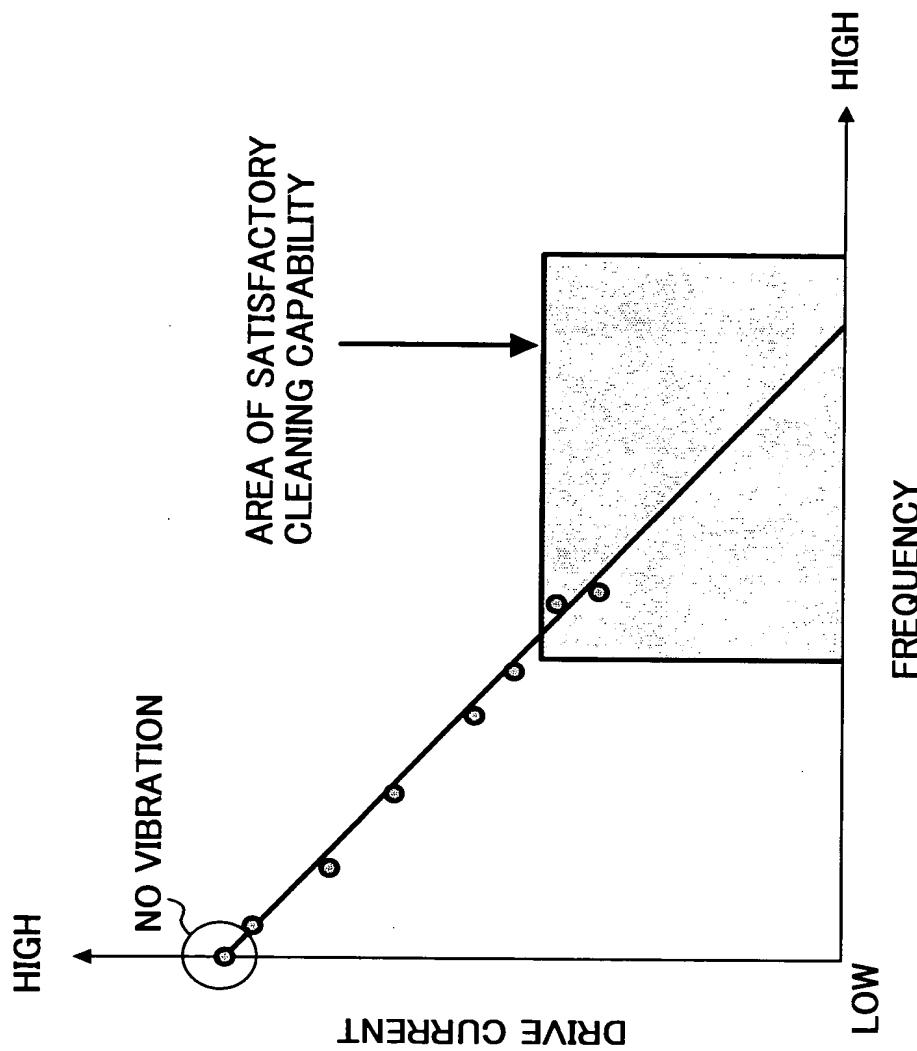


FIG. 34

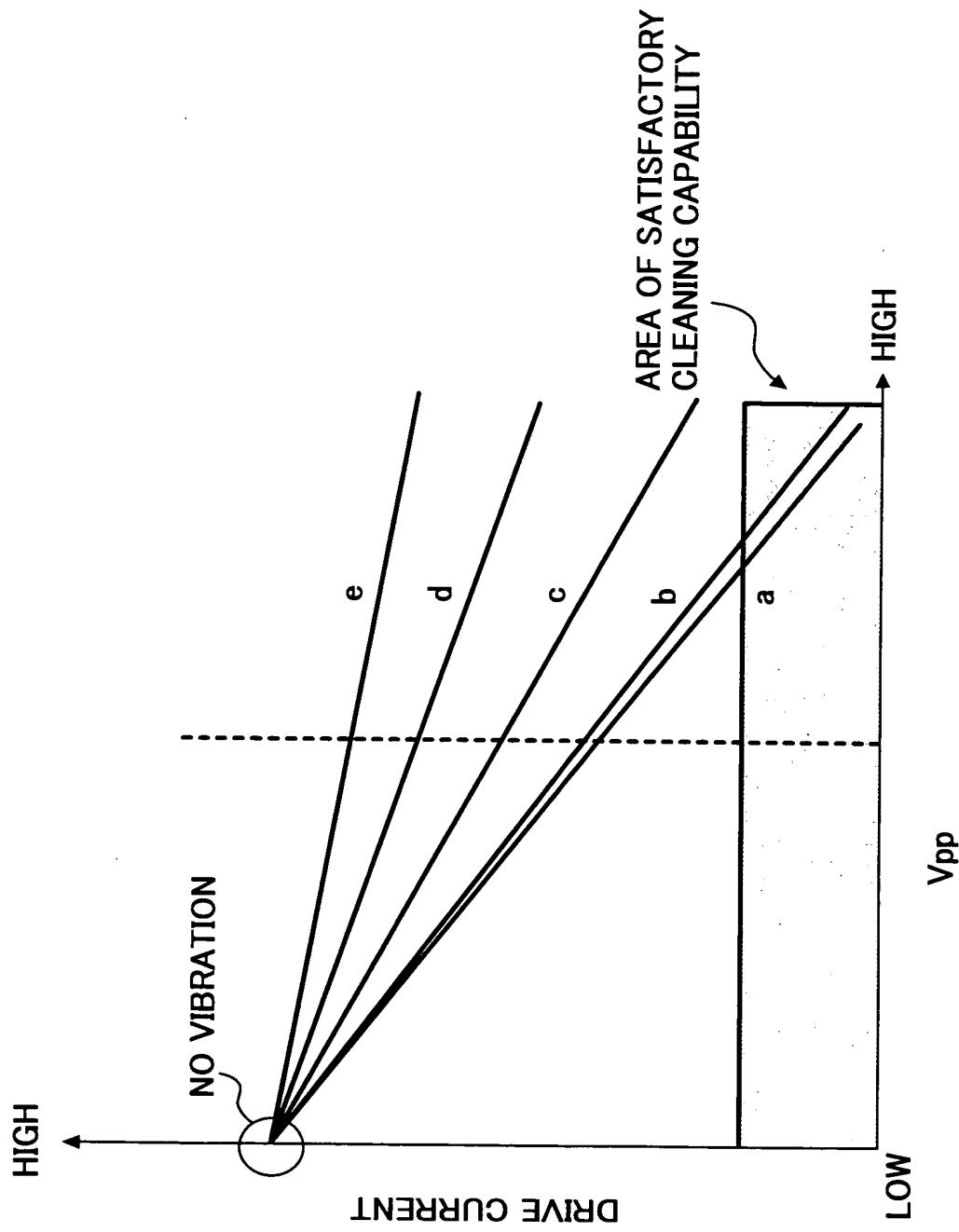


FIG. 35

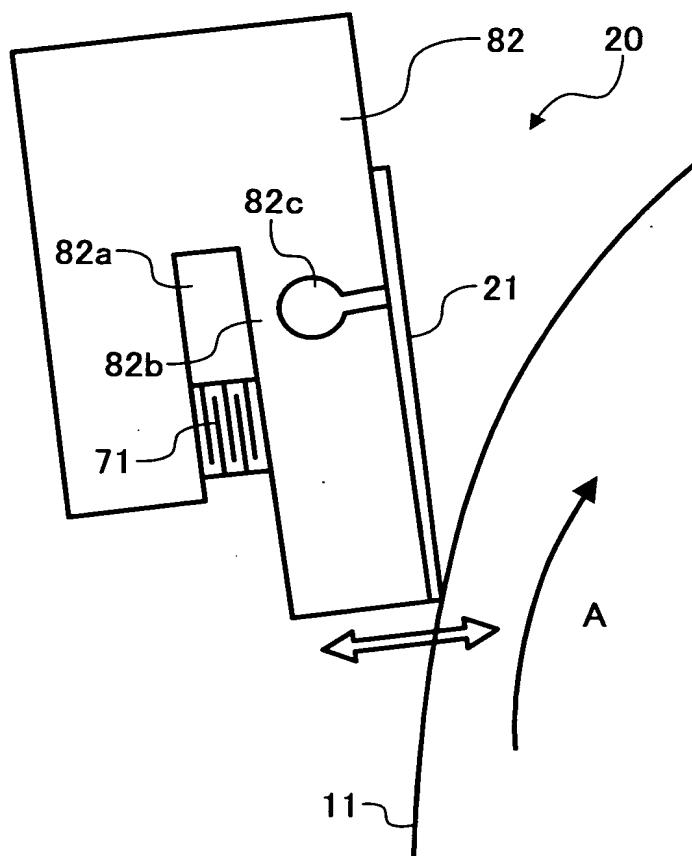


FIG. 36

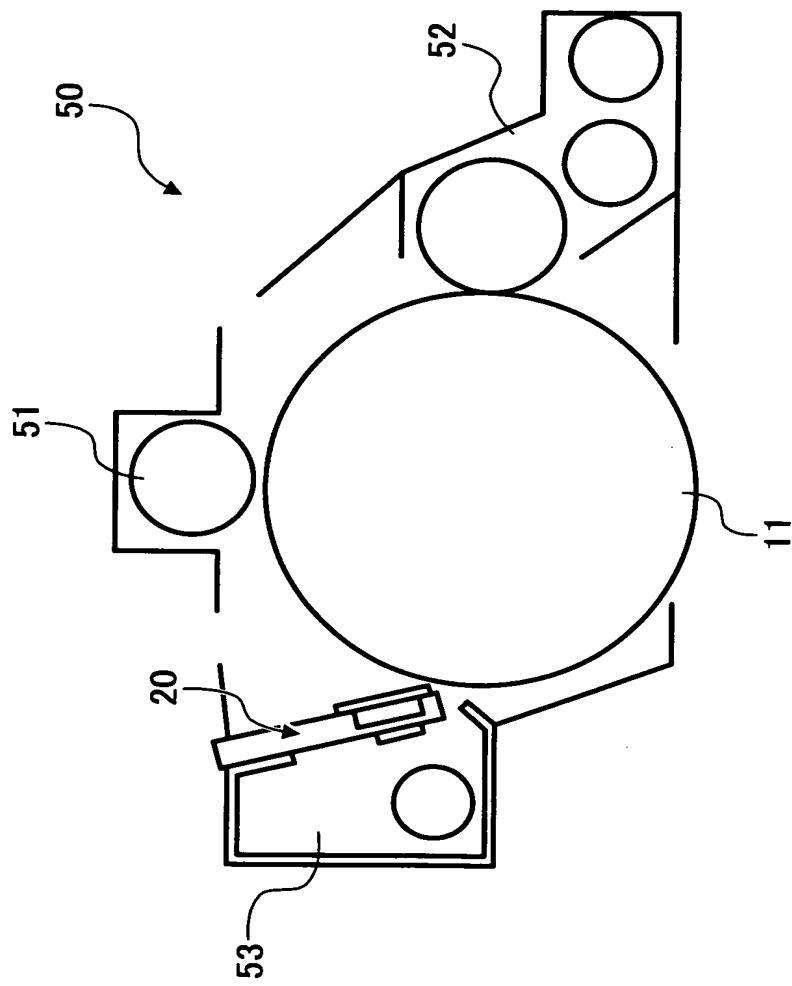
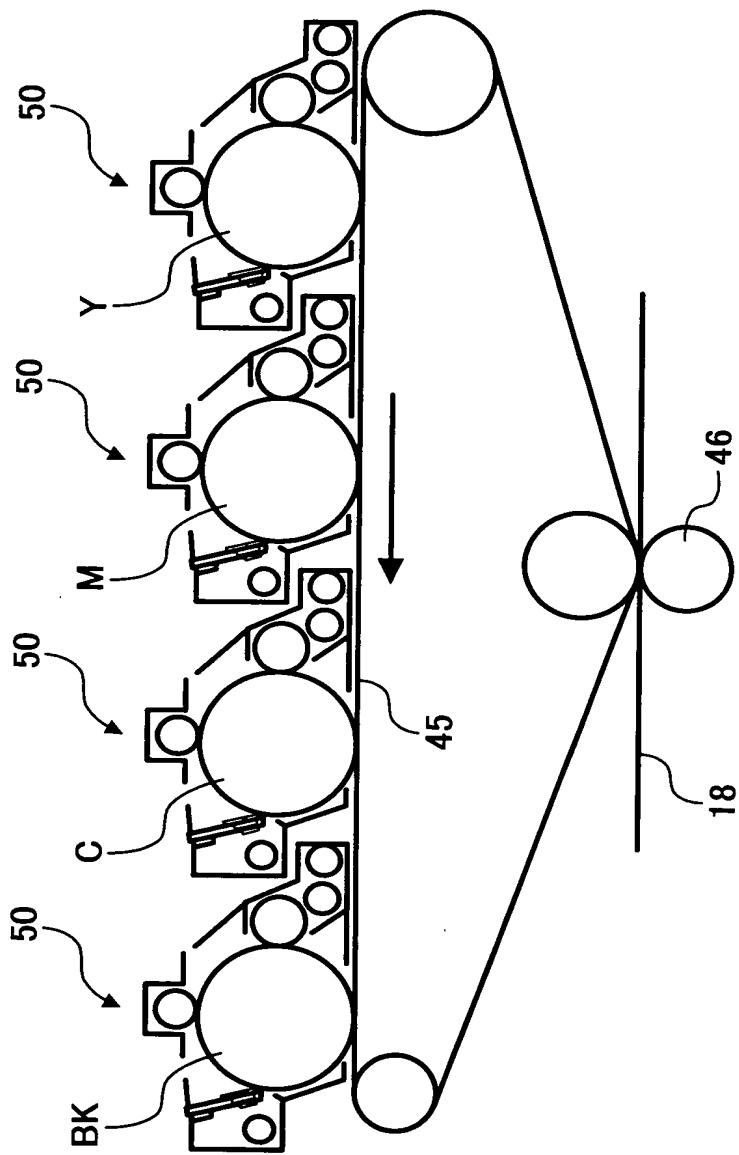


FIG. 37



OBLON, SPIVAK, et al
Docket No: 242299US2
Inventor: Masahiko SHAKUTO, et al.
Serial No: 10/659,468
Reply to NTFMP dated December 3, 2003
Replacement Sheet

FIG. 38A

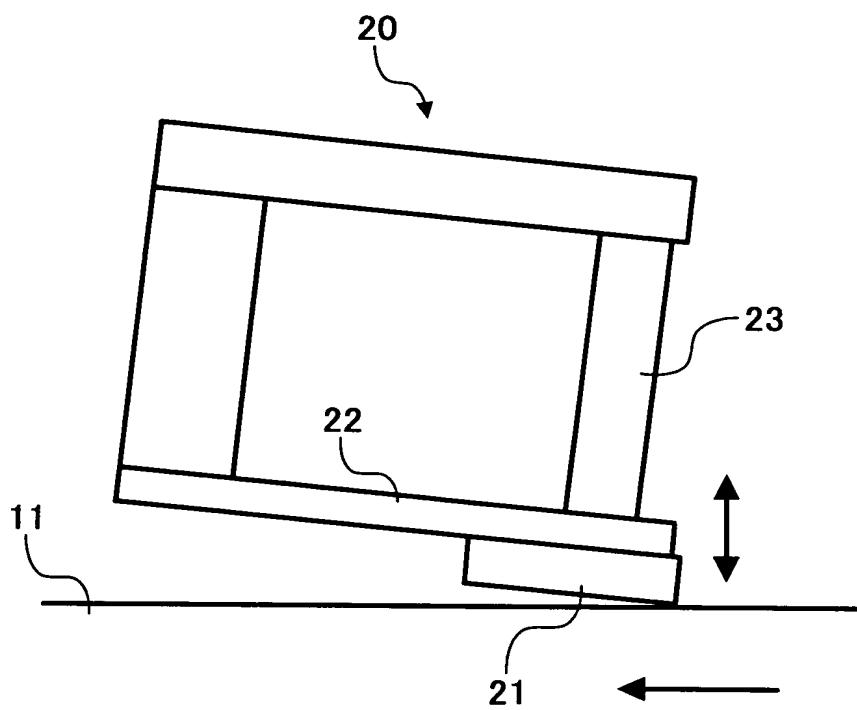


FIG. 38B

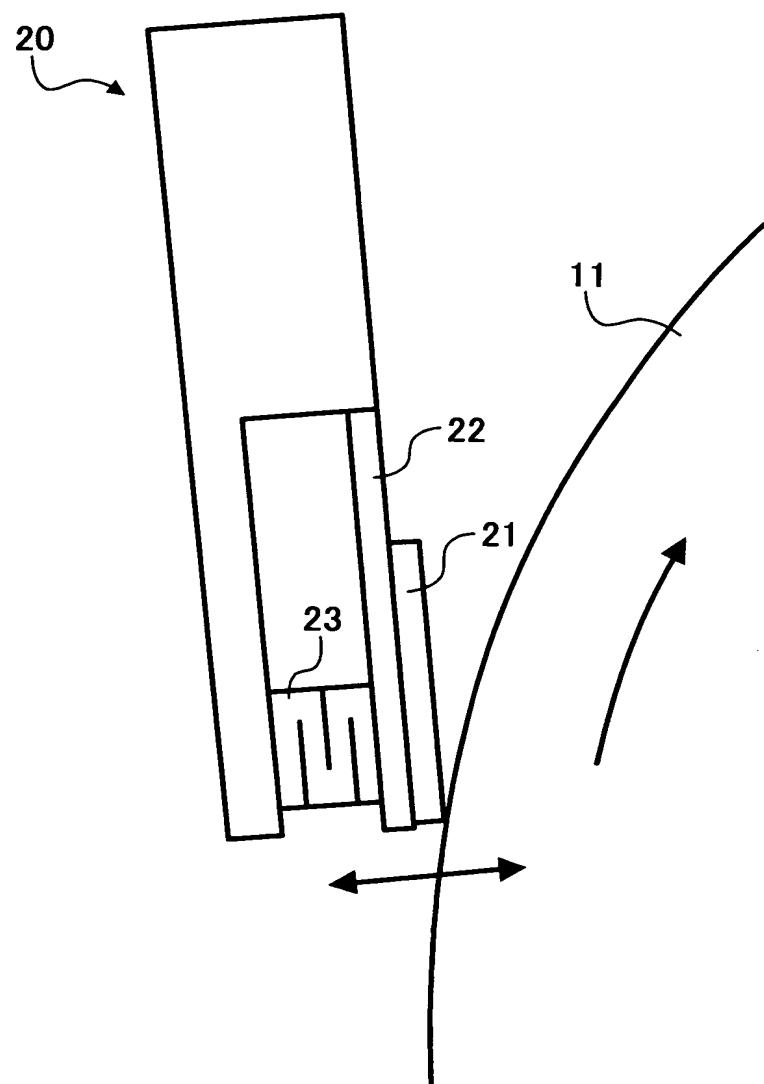


FIG. 39

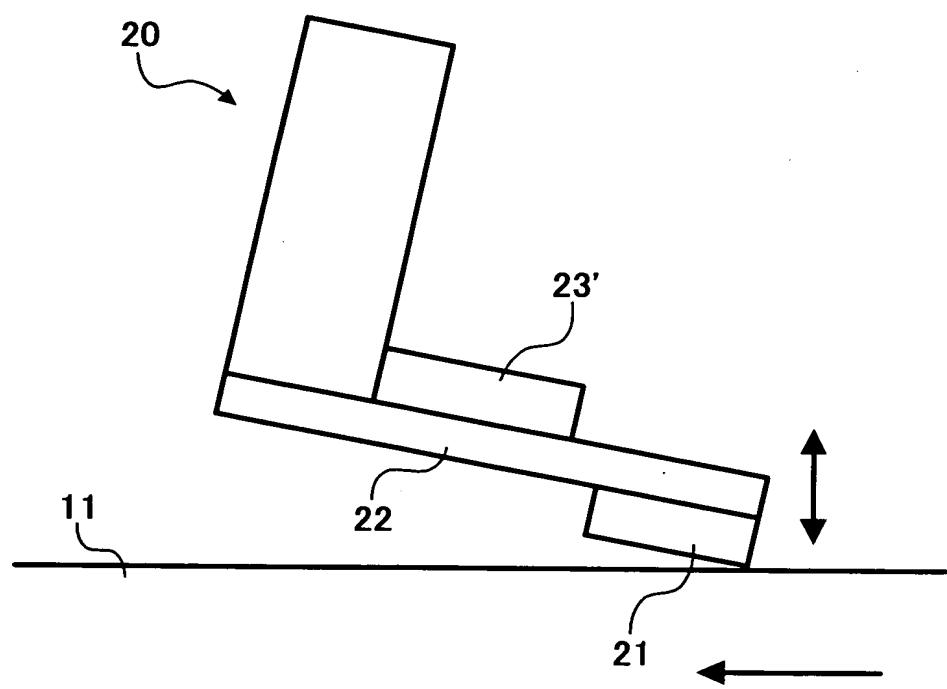
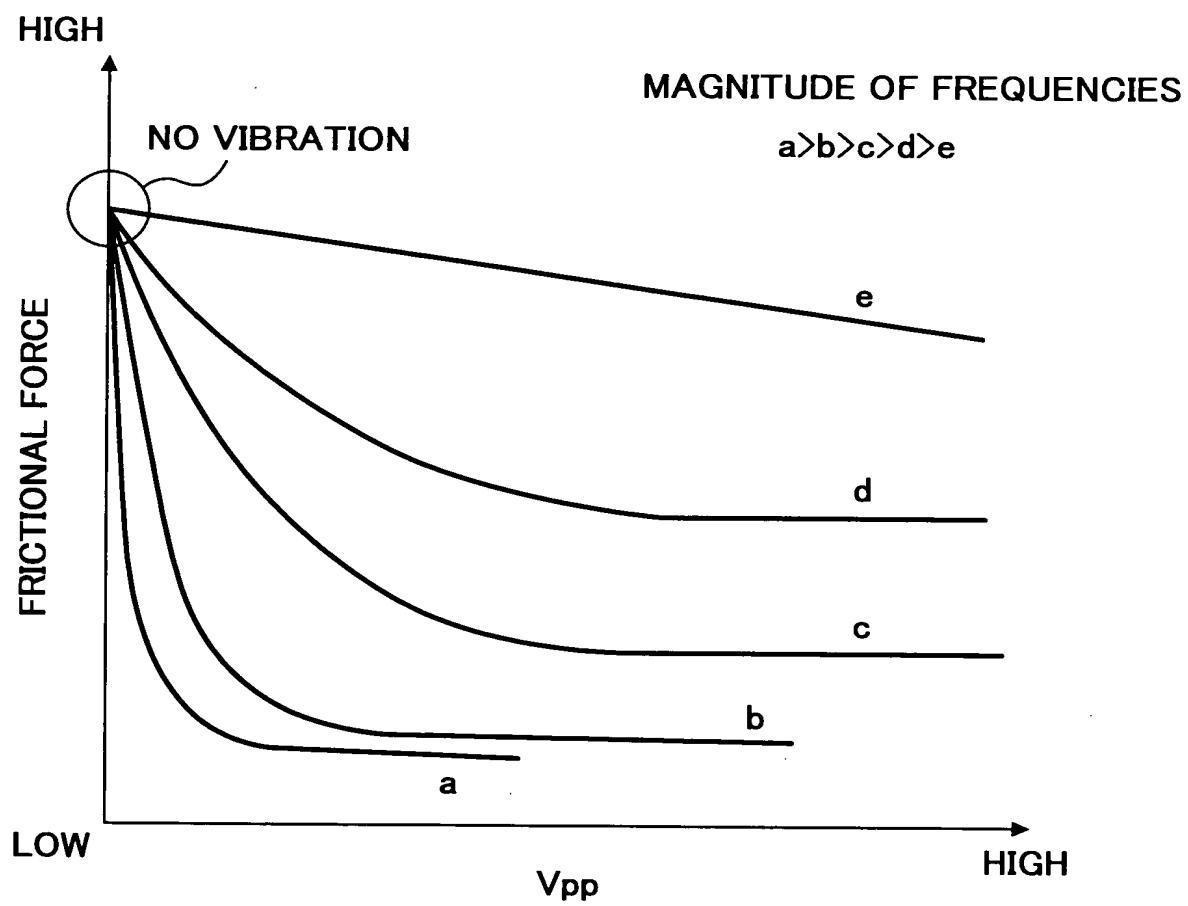


FIG. 40



OBLON, SPIVAK, et al
Docket No: 242299US2
Inventor: Masahiko SHAKUTO, et al.
Serial No: 10/659,468
Reply to NTFMP dated December 3, 2003
Replacement Sheet

FIG. 41

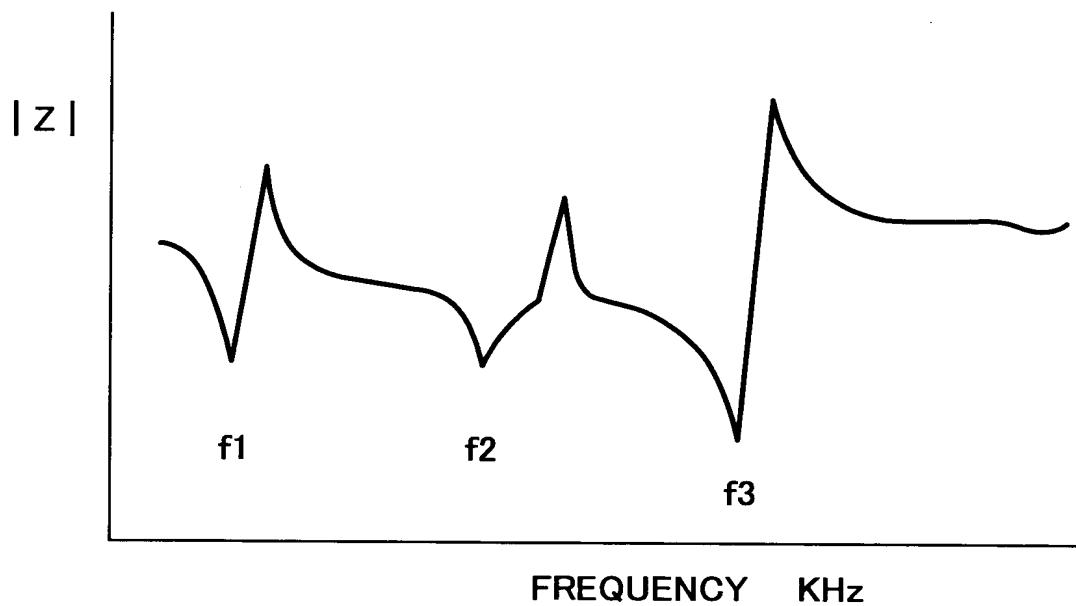


FIG. 42A

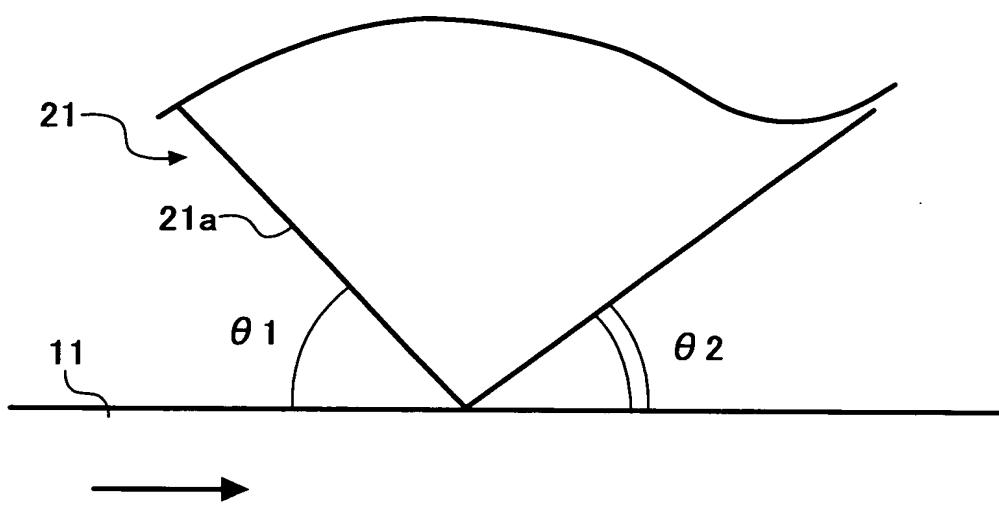
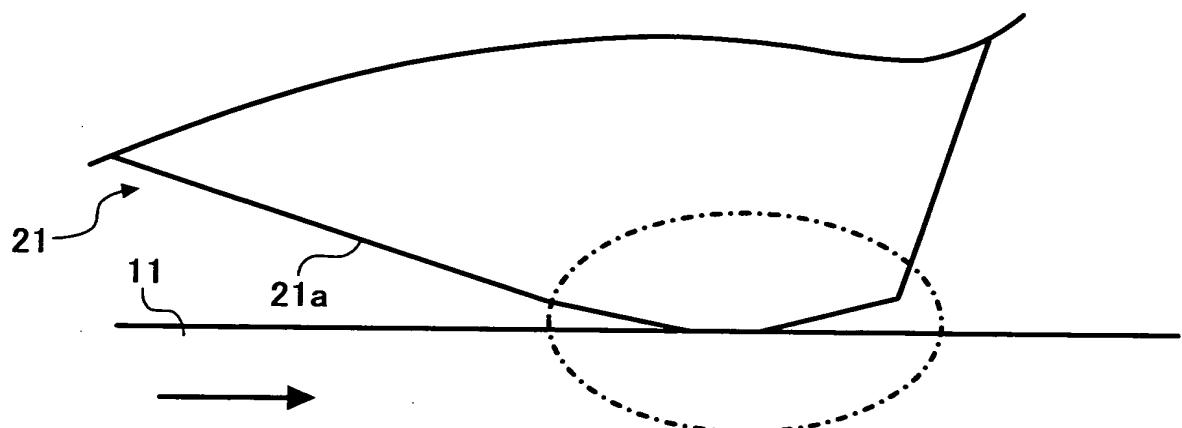


FIG. 42B



OBLON, SPIVAK, et al
Docket No: 242299US2
Inventor: Masahiko SHAKUTO, et al.
Serial No: 10/659,468
Reply to NTFMP dated December 3, 2003
Replacement Sheet

FIG. 42C

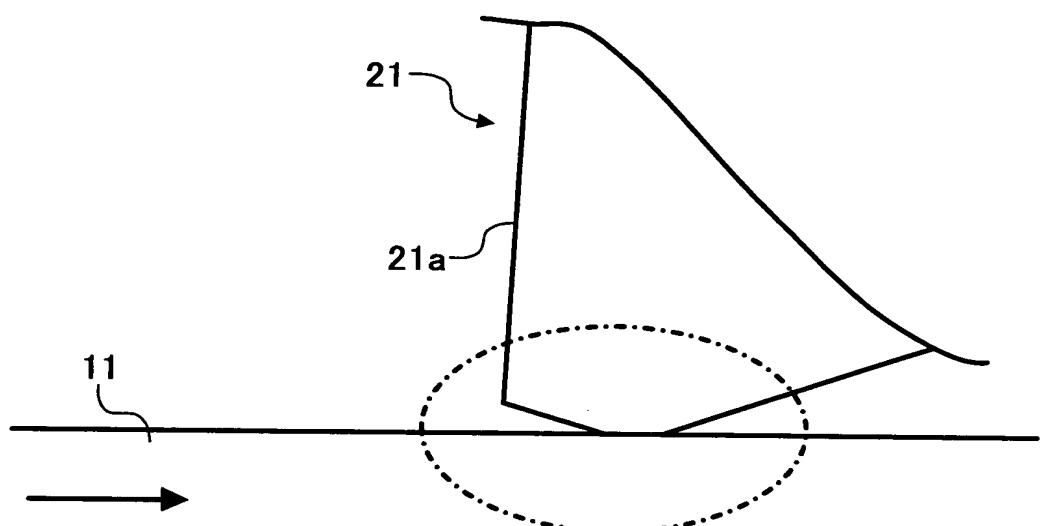


FIG. 43

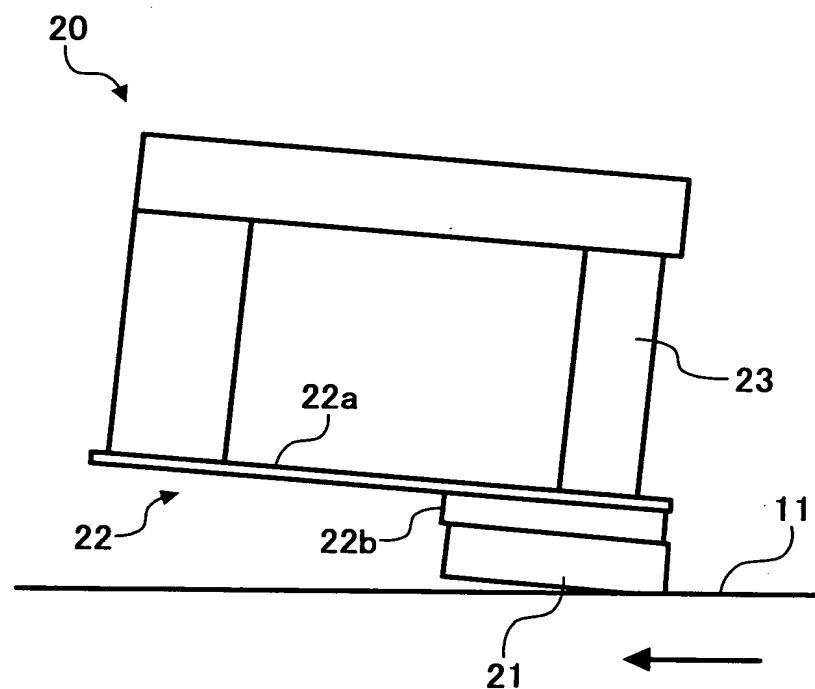


FIG. 44

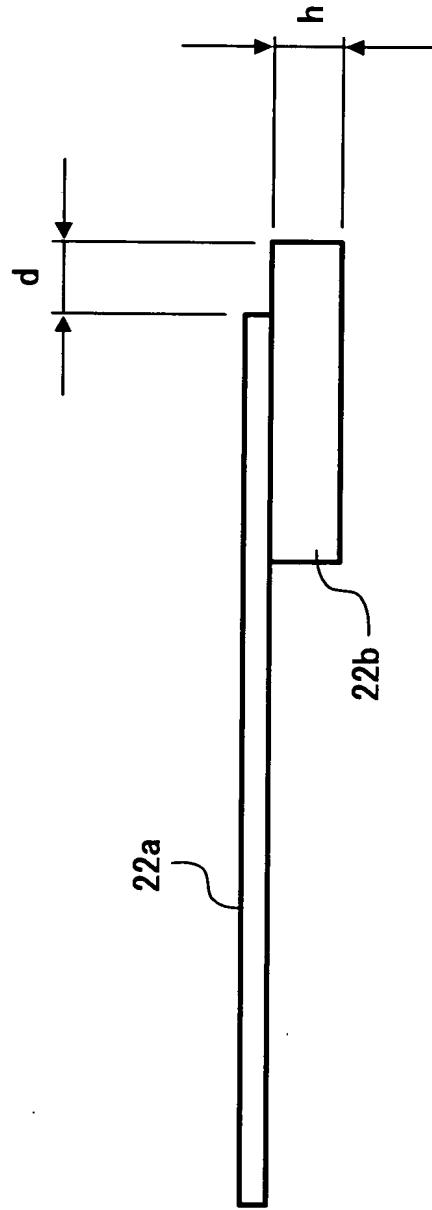


FIG. 45

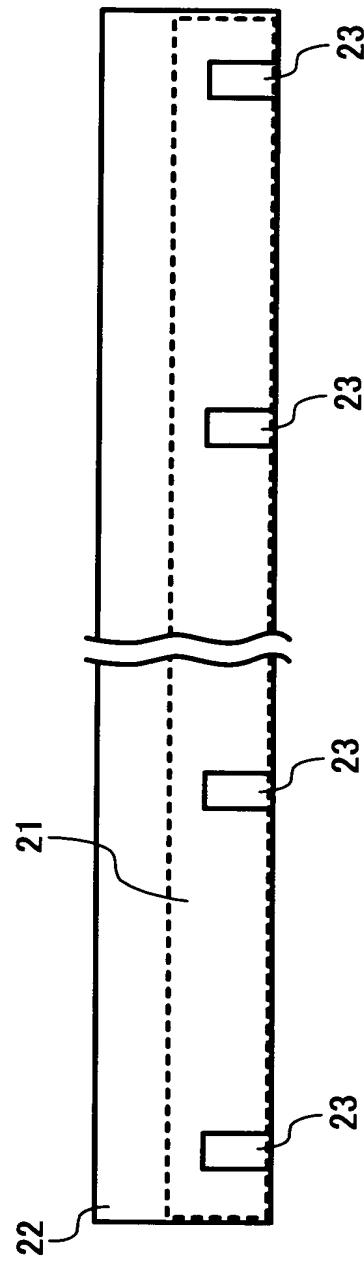


FIG. 46

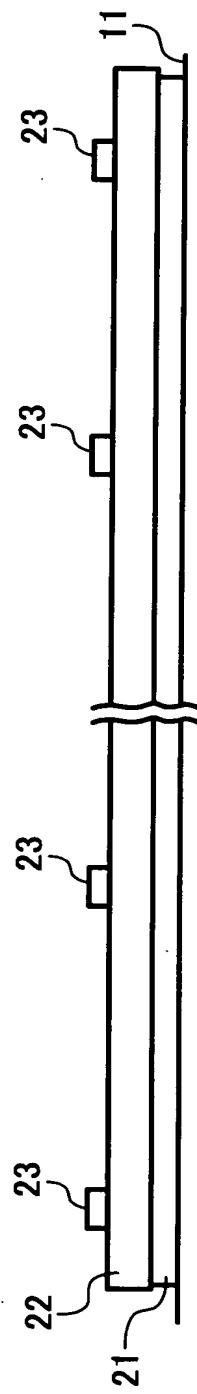


FIG. 47

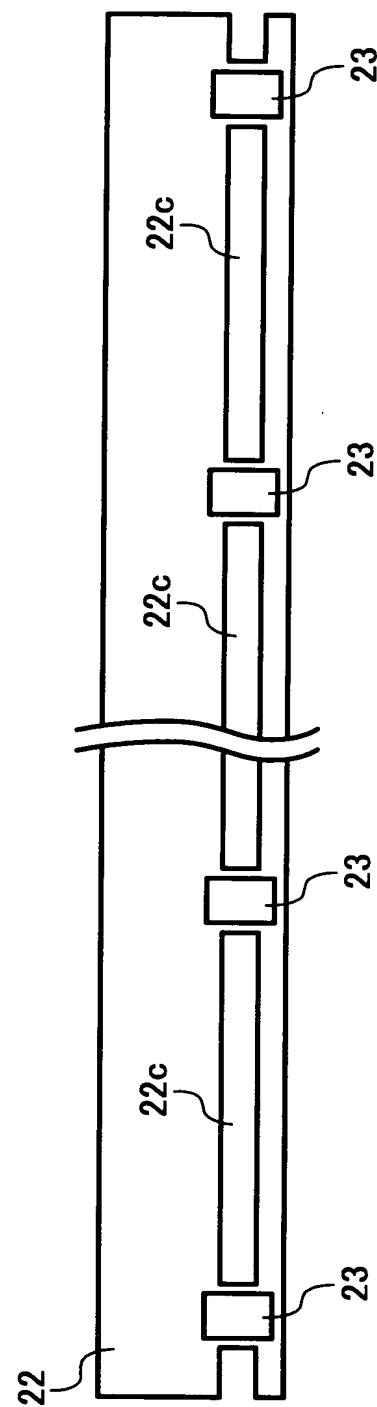


FIG. 48

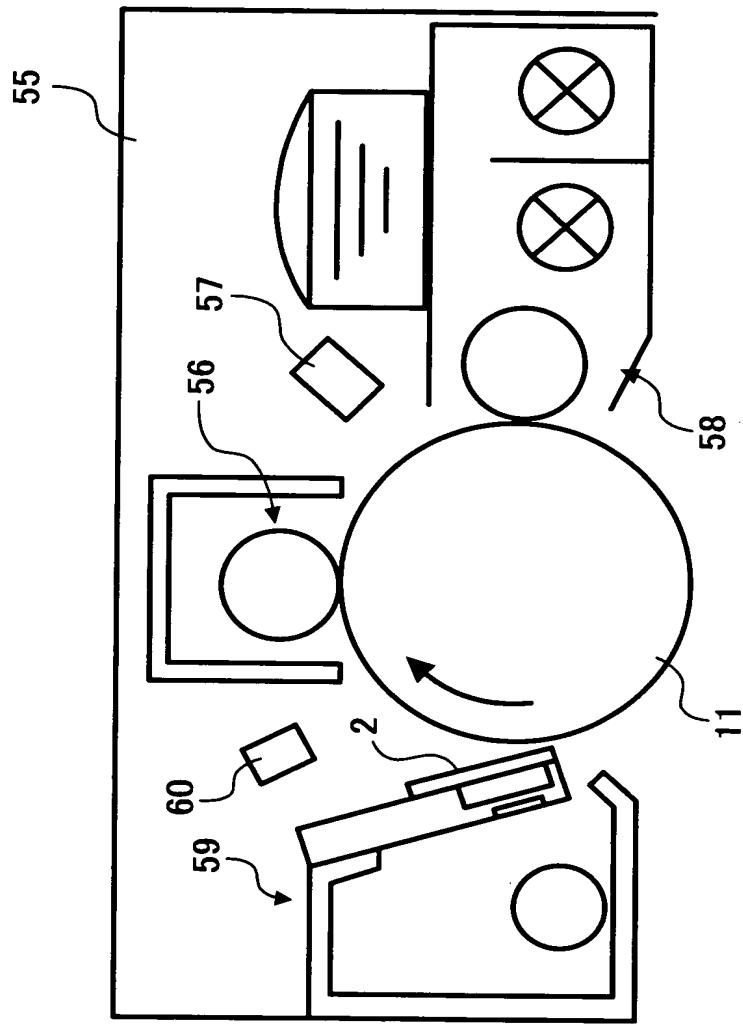


FIG. 49A

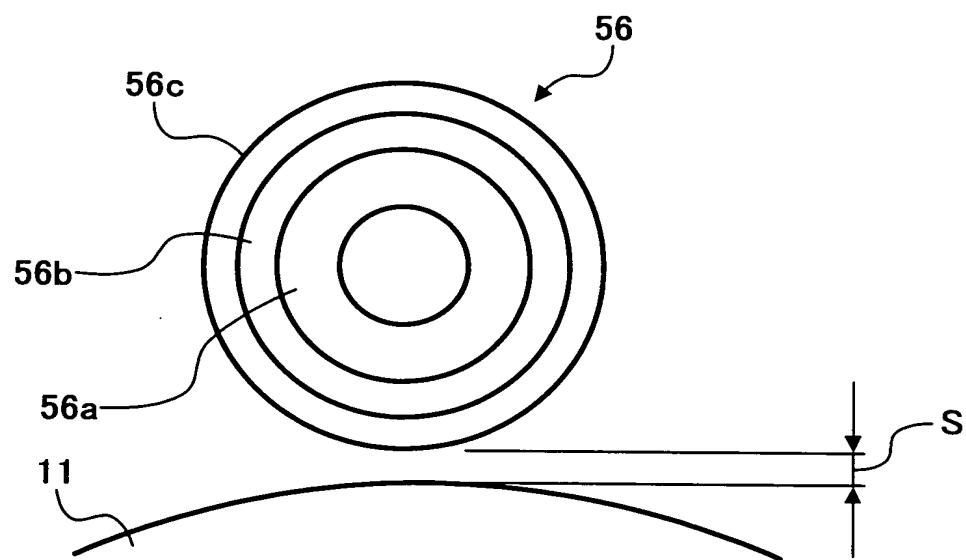


FIG. 49B

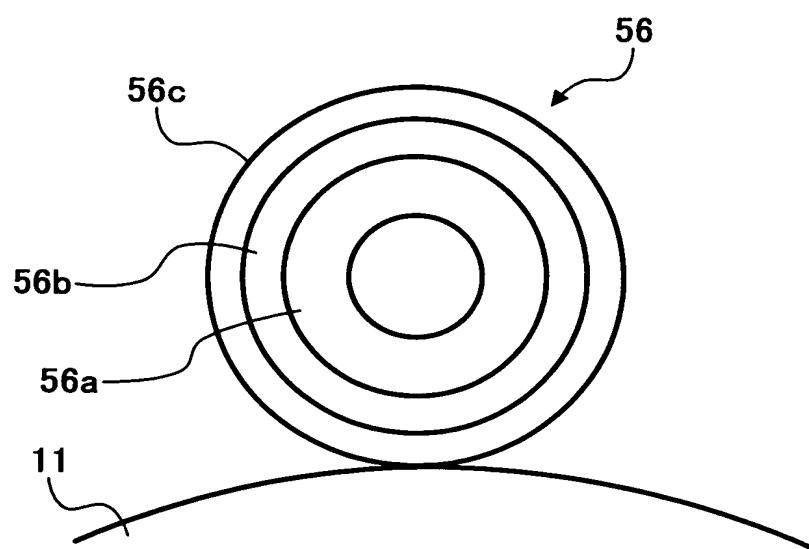


FIG. 50

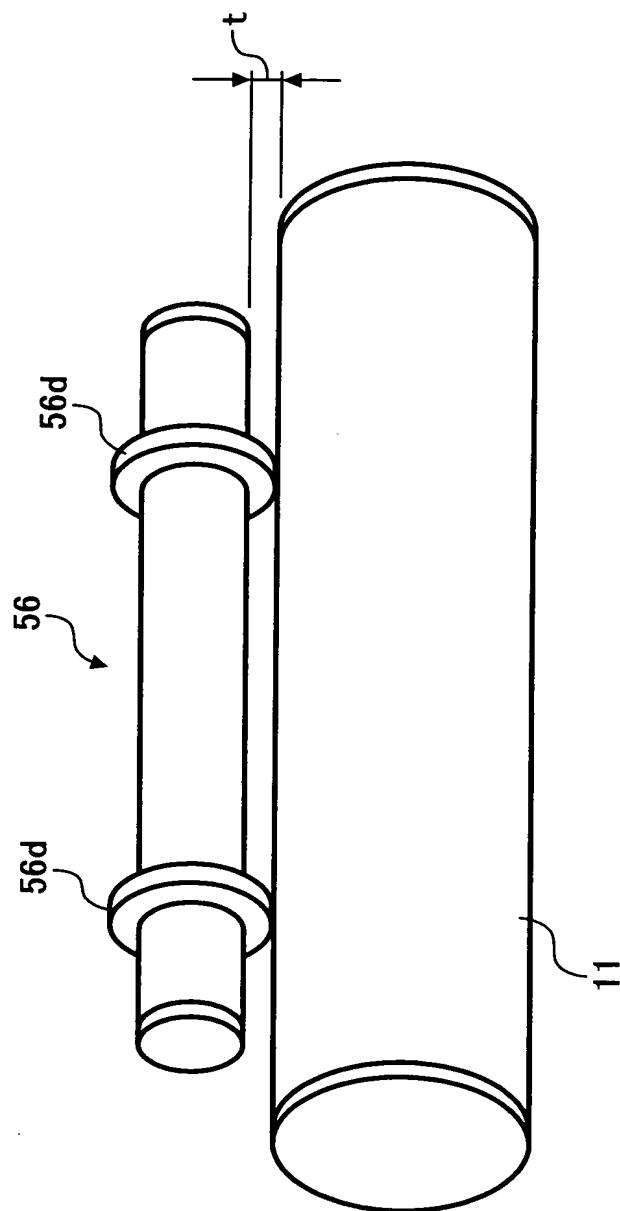


FIG. 51

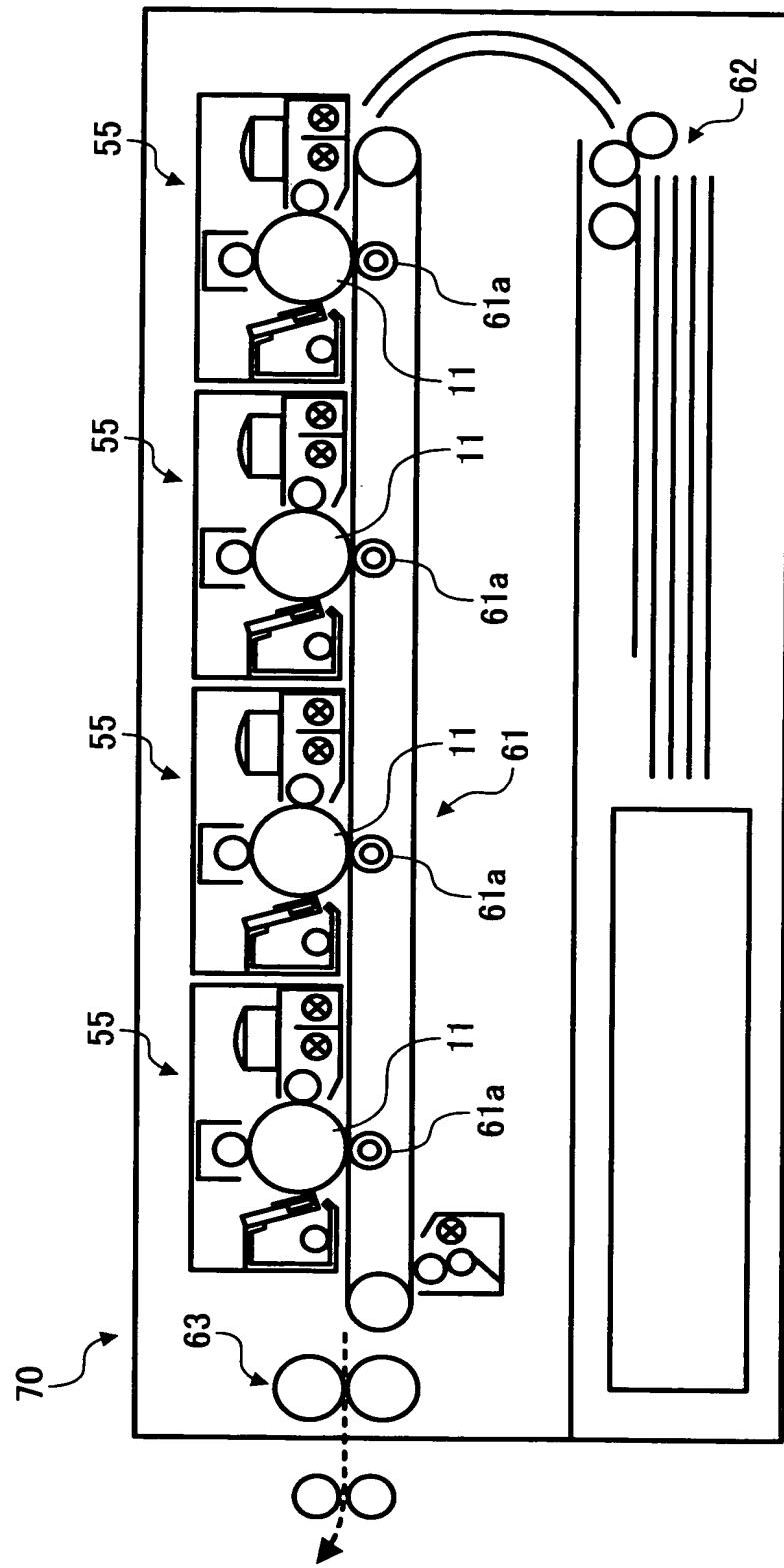


FIG. 52

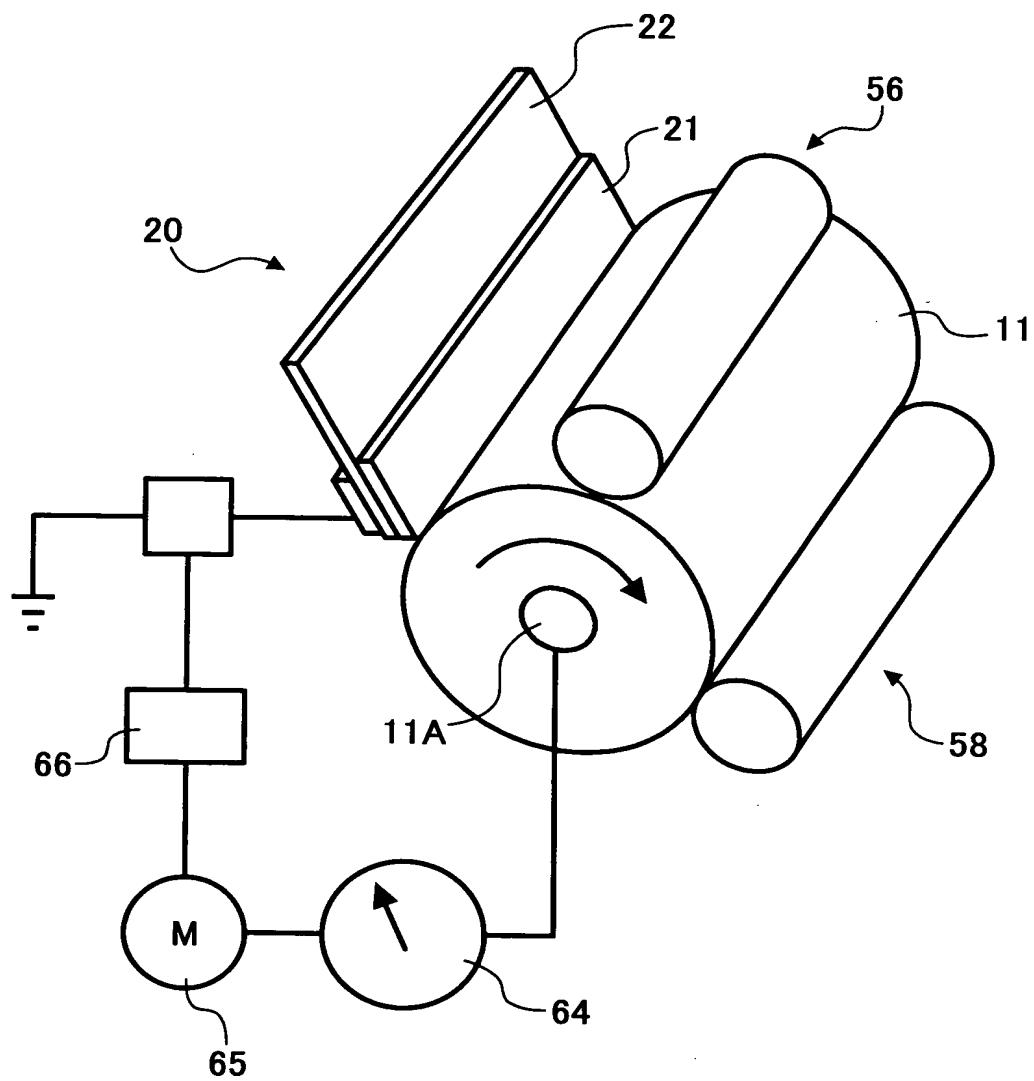


FIG. 53

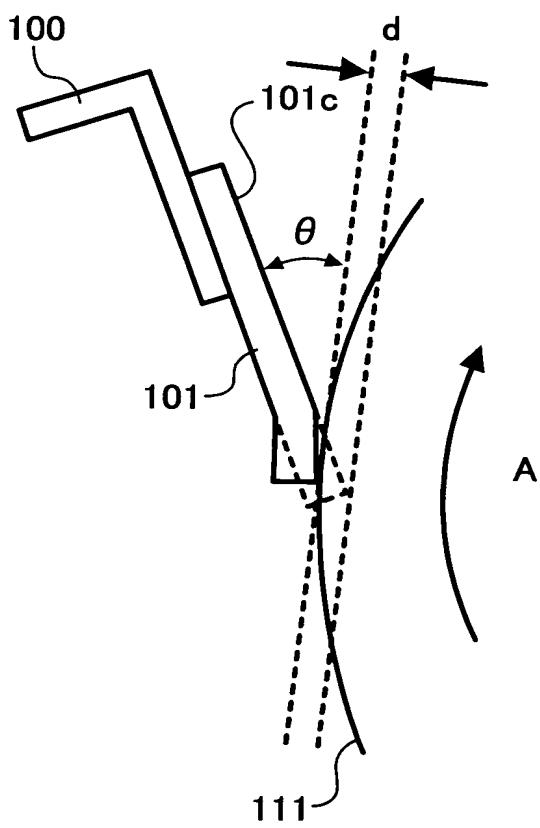


FIG. 54

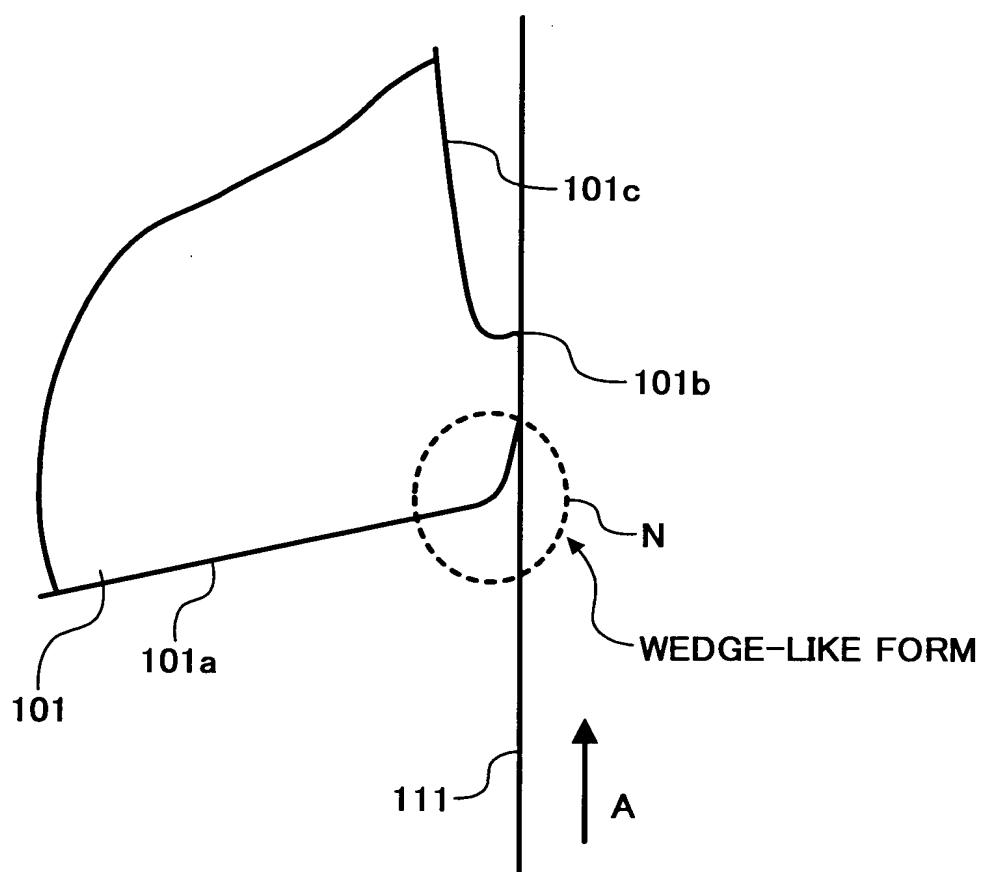


FIG. 55

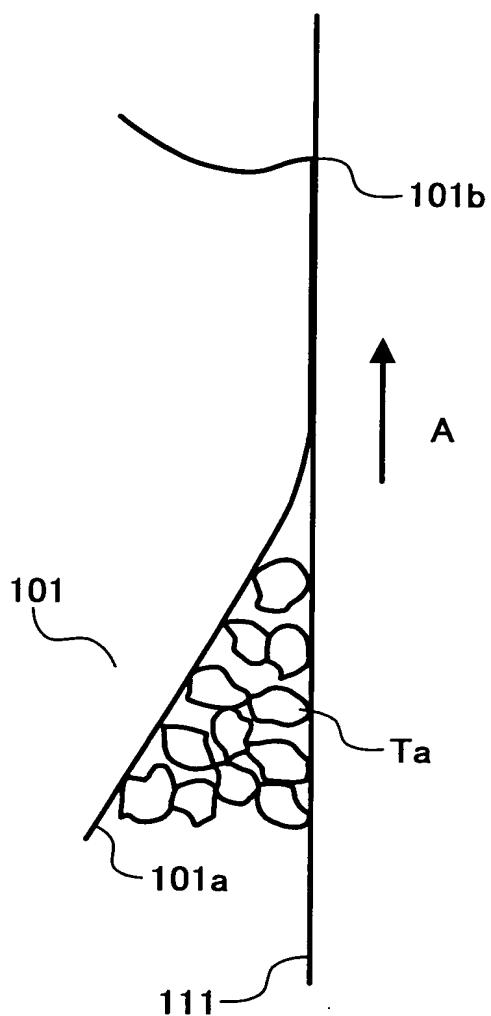


FIG. 56

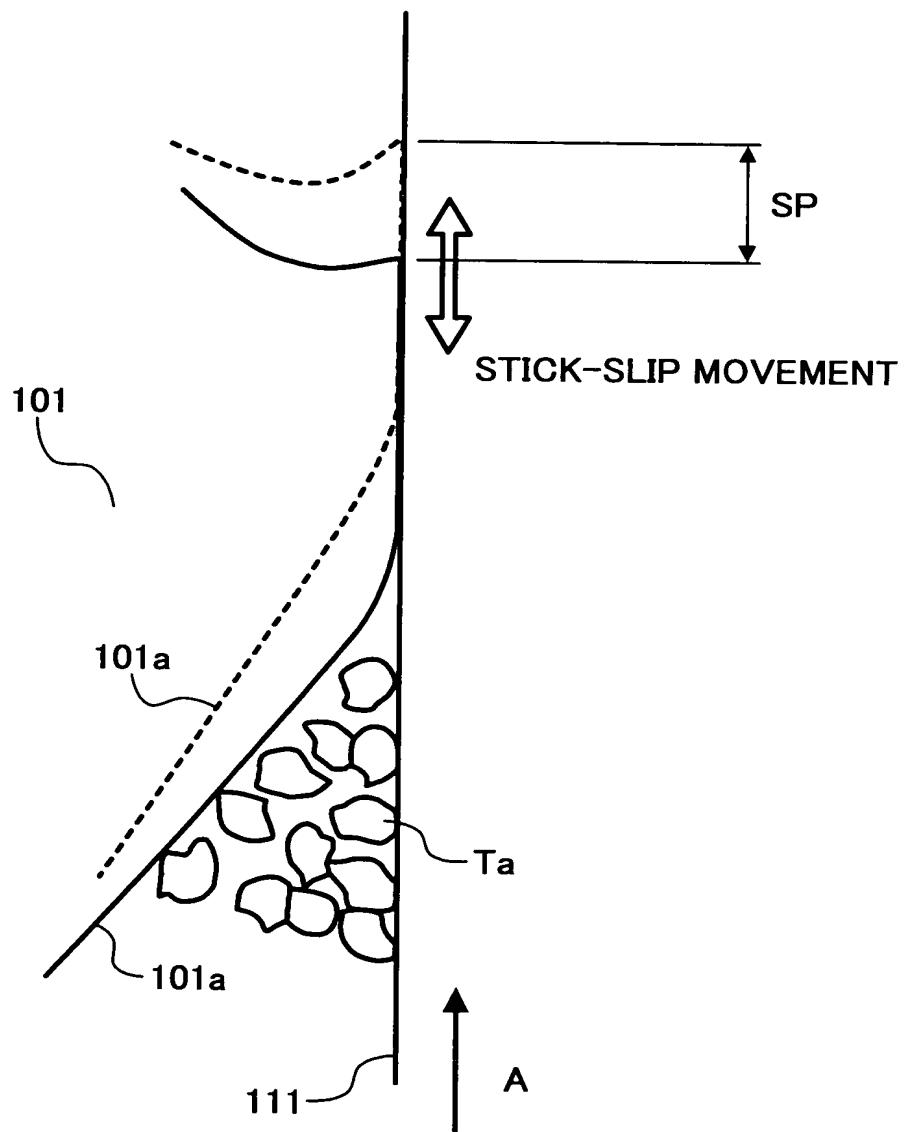


FIG. 57

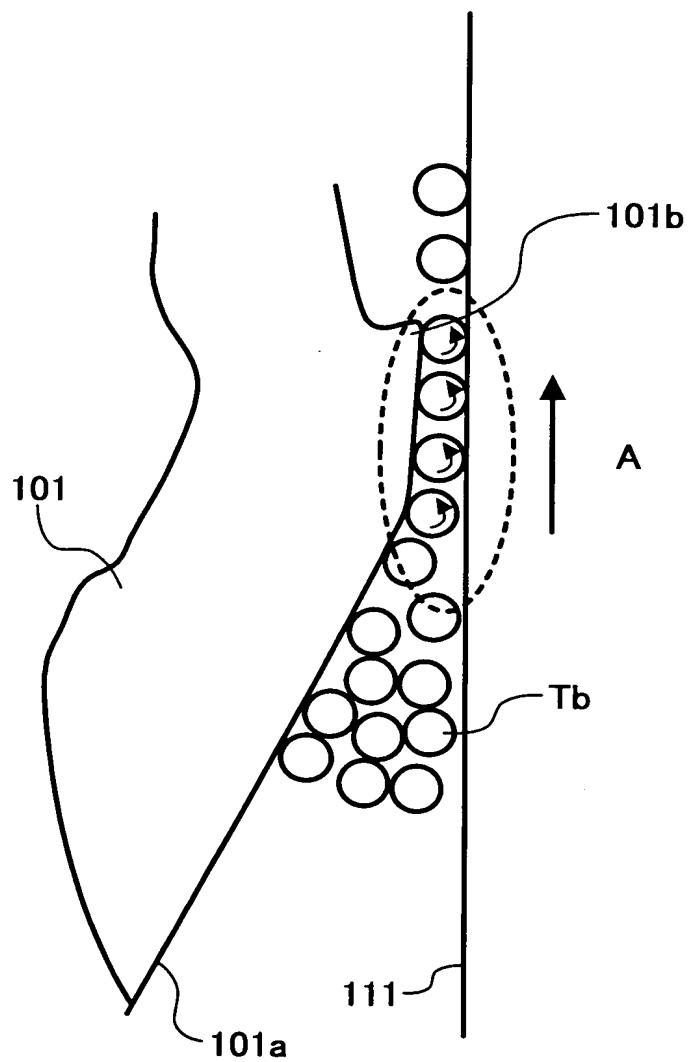


FIG. 58

